CNTFR Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CNTFR, Polyclonal Antibody
Full Product Name	CNTFR Antibody, Biotin conjugated
Product Gene Name	anti-CNTFR antibody
Product Synonym Names	Ciliary neurotrophic factor receptor subunit alpha; CNTF receptor subunit alpha; CNTFR-alpha; CNTFR
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: CNTFR (MBS7000636) Biotin Conjugated Antibody: CNTFR (MBS1497785)
Molecular Weight	40,633 Da
OMIM	118946
3D Structure	ModBase 3D Structure for P26992
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Biotin
Immunogen	Recombinant human Ciliary neurotrophic factor receptor subunit alpha protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1914 / sc-1913 / sc-292166
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CNTFR antibody	ELISA (EIA)
Related Product Information for anti-CNTFR antibody	MBS1497785 is an antibody targeting CNTFR. Also known as CNTFR Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit. Binds to CNTF. The alpha subunit provides the receptor specificity.
Other Notes	Small volumes of anti-CNTFR antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CNTFR. It may not necessarily be applicable to this product.

NCBI GI #	333108228
NCBI GeneID	1271
NCBI Accession #	NP_001193940.1

UniProt Primary Accession #	P26992
UniProt Secondary Accession #	Q5U050
UniProt Related Accession #	P26992
GenBank Nucleotide #	NM_001207011.1
NCBI Official Full Name	ciliary neurotrophic factor receptor subunit alpha preproprotein
NCBI Official Synonym Full Names	ciliary neurotrophic factor receptor
NCBI Official Symbol	CNTFR
UniProt Protein Name	Ciliary neurotrophic factor receptor subunit alpha
Protein Family	Ciliary neurotrophic factor receptor
UniProt Gene Name	CNTFR
UniProt Synonym Gene Names	CNTF receptor subunit alpha; CNTFR-alpha
UniProt Entry Name	CNTFR_HUMAN
NCBI Protein Information	ciliary neurotrophic factor receptor subunit alpha
NCBI Summary for CNTFR	This gene encodes a member of the type 1 cytokine receptor family. The encoded protein is the ligand-specific component of a tripartite receptor for ciliary neurotrophic factor, which plays a critical role in neuronal cell survival, differentiation and gene expression. Binding of ciliary neurotrophic factor to the encoded protein recruits the transmembrane components of the receptor, gp130 and leukemia inhibitory factor receptor, facilitating signal transduction. Single nucleotide polymorphisms in this gene may be associated with variations in muscle strength, as well as early onset of eating disorders. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2011]
UniProt Comments for CNTFR	CNTFR: Binds to CNTF. The alpha subunit provides the receptor specificity. Belongs to the type I cytokine receptor family. Type 3 subfamily. Protein type: Receptor, misc.; Membrane protein, GPI anchor Chromosomal Location of Human Ortholog: 9p13 Cellular Component: apical plasma membrane; extrinsic to membrane; plasma membrane Molecular Function: ciliary neurotrophic factor receptor activity; cytokine binding; receptor binding Biological Process: negative regulation of neuron apoptosis; nervous system development; positive regulation of cell proliferation; sex differentiation; signal transduction; suckling behavior
Research Articles on CNTFR	**1.** The family-based study showed no association between the CNTFR rs7036351, NET rs3785143 polymorphisms, and attention-deficit hyperactivity disorder.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/cntfr/1497785