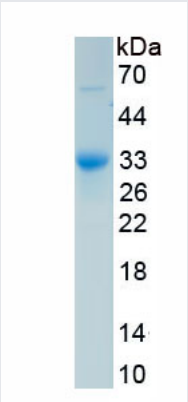
5-Hydroxytryptamine Receptor 2a (HTR2A) Recombinant Protein

PRODUCT OVERVIEW

Product Name	5-Hydroxytryptamine Receptor 2A (HTR2A), Recombinant Protein
Full Product Name	Recombinant 5-Hydroxytryptamine Receptor 2A (HTR2A)
Product Gene Name	HTR2A recombinant protein
Product Synonym Names	5-Hydroxytryptamine Receptor 2A; HTR2A recombinant protein (prokaryotic), Human; 5-HT2A; HTR2; Serotonin Receptor 2A4
Sequence	Met1~Asn75
Host	E Coli
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Purity/Purification	Greater than 90% by SDS-PAGE
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months
Molecular Weight	53kDa
Chromosome Location	Chromosome: 13; NC_000013.10 (47405677..47471211, complement). Location: 13q14-q21
OMIM	182135
3D Structure	ModBase 3D Structure for P28223
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Species	Human
Expression System	Prokaryotic expression
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	3.8
Subcellular Location	Membrane, Plasma
Research Area	Neuro science
Product Categories/Family for HTR2A recombinant protein	Prokaryotic proteins
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for HTR2A recombinant protein	Positive Control, Immunogen, SDS-PAGE, Western Blot (WB)
Related Product Information for HTR2A recombinant protein	MBS2162770 is a recombinant protein targeting HTR2A. Also known as Recombinant 5-Hydroxytryptamine Receptor 2A (HTR2A). Host: E Coli.
Other Notes	Small volumes of HTR2A recombinant protein 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.



SDS-PAGE of HTR2A recombinant protein
Figure. SDS-PAGE

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HTR2A. It may not necessarily be applicable to this product.

NCBI GI #	10835175
NCBI GeneID	3356
NCBI Accession #	NP_000612.1
UniProt Primary Accession #	P28223
UniProt Secondary Accession #	Q5T8C0; B2RAC5; B4DZ79; F5GWE8
UniProt Related Accession #	P28223
GenBank Nucleotide #	NM_000621.4
NCBI Official Full Name	5-hydroxytryptamine receptor 2A isoform 1
NCBI Official Synonym Full Names	5-hydroxytryptamine (serotonin) receptor 2A, G protein-coupled
NCBI Official Symbol	HTR2A
NCBI Official Synonym Symbols	HTR2; 5-HT2A
UniProt Protein Name	5-hydroxytryptamine receptor 2A
UniProt Synonym Protein Names	Serotonin receptor 2A
UniProt Gene Name	HTR2A
UniProt Synonym Gene Names	HTR2; 5-HT-2; 5-HT-2A
UniProt Entry Name	5HT2A_HUMAN
NCBI Protein Information	5-hydroxytryptamine receptor 2A; 5-HT-2A; 5-HT2 receptor; serotonin 5-HT-2A receptor
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.
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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.

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