NRAS Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	NRAS, Recombinant Protein
Full Product Name	Recombinant Human NRAS
Product Gene Name	NRAS recombinant protein
Product Synonym Names	ALPS4; AV095280; GTPase NRas; HRAS1; N ras; N ras protein part 4; Neuroblastoma RAS viral (v ras) oncogene homolog; NRAS; NRAS1; NS6; OTTHUMP00000013879; OTTMUSP00000023521; RASN_HUMAN; Transforming protein N Ras; Transforming protein N-Ras; v ras neuroblastoma RAS viral oncogene homolog
Host	E Coli
Form/Format	Lyophilized from a 0.2um filtered solution in PBS with 5% trehalose, pH7.4
Purity/Purification	Greater than 95% by SDS-PAGE gel analyses
Preparation and Storage	Store at -20 degree C for 12 months as lyophilized; 2-8 degree C for 1 month under sterile conditions after reconstitution
Molecular Weight	21kDa
Sequence Positions	1-186
Chromosome Location	Chromosome: 1; NC_000001.10 (115247085..115259515, complement). Location: 1p13.2
OMIM	164790
3D Structure	ModBase 3D Structure for P01111
Species	Human
Tag	N-terminal His-Tag
Reconstitution	Centrifuge the vial at 10,000rpm for 1 minute, reconstitute at 200ug/ml in sterile distilled water
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for NRAS recombinant protein	Western Blot (WB), ELISA (EIA)
Related Product Information for NRAS recombinant protein	MBS7614101 is a recombinant protein targeting NRAS. Also known as Recombinant Human NRAS. Host: E Coli.
Other Notes	Small volumes of NRAS 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.

ADDITIONAL DETAILS

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

NCBI GI #	4505451
NCBI GeneID	4893
NCBI Accession #	NP_002515.1
UniProt Primary Accession #	P01111
UniProt Secondary Accession #	Q14971; Q15104; Q15282

UniProt Related Accession #	P01111
GenBank Nucleotide #	NM_002524.4
NCBI Official Full Name	GTPase NRas
NCBI Official Synonym Full Names	neuroblastoma RAS viral (v-ras) oncogene homolog
NCBI Official Symbol	NRAS
NCBI Official Synonym Symbols	NS6; ALPS4; N-ras; NRAS1
UniProt Protein Name	GTPase NRas
UniProt Synonym Protein Names	Transforming protein N-Ras
Protein Family	GTPase
UniProt Gene Name	NRAS
UniProt Synonym Gene Names	HRAS1
UniProt Entry Name	RASN_HUMAN
NCBI Protein Information	GTPase NRas; N-ras protein part 4; transforming protein N-Ras; v-ras neuroblastoma RAS viral oncogene homolog
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