

Proteoliposomes

Full-Length

NTSR1 (Human) Recombinant Protein

Catalog # H00004923-G01

Size 10 ug

Specification

Product Description

Human NTSR1 full-length ORF (NP_002522.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MRLNSSAPGTPGTPAADPFQRAQAGLEEALLAPGFGNASGNASERVLAAPSSSELDVNTDIYSKV
LVTAVYLALFVVGTVGNTVTAFTLARKKSLQSLQSTVHYHLGSLALSDLLTLLAMPVELYNFIWVH
HPWAFGDAGCRGYYFLRDACTYATALNVASLSVERYLAICHPPKAKTLMRSRSTKKFISAWLASA
LLAVPMLFTMGEQNRSDGQHAGGLVCTPTIHTATVKVVIQVNTFMSFIFPMVVISVLNTIIANKLTV
MVRQAAEQGQVCTVGGEHSTFSMAIEPGRVQALRHGVRVLRVAVIAFVVCWLPYHVRRLMFCYI
SDEQWTPFLYDFYHYFYMTNALFYVSSTINPILYNLVSANFRHIFLATLACLCPVWRRRRKRPAFS
RKADSVSSNHTLSSNATRETLY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

45.98

Interspecies Antigen Sequence

Mouse (84); Rat (83)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — NTSR1

Entrez GeneID	4923
GeneBank Accession#	NM_002531.2
Protein Accession#	NP_002522.2
Gene Name	NTSR1
Gene Alias	NTR
Gene Description	neurotensin receptor 1 (high affinity)
Omim ID	162651
Gene Ontology	Hyperlink
Gene Summary	Neurotensin receptor 1 belongs to the large superfamily of G-protein coupled receptors. NTSR1 mediates the multiple functions of neurotensin, such as hypotension, hyperglycemia, hypothermia, antinociception, and regulation of intestinal motility and secretion. [provided by RefSeq]
Other Designations	OTTHUMP00000031500 neurotensin receptor 1

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Mental Disorders](#)