

Recombinant Rat CNTFR protein (His tag) ab219463

1 Image

Description	
Product name	Recombinant Rat CNTFR protein (His tag)
Purity	> 90 % SDS-PAGE. Affinity purified
Endotoxin level	< 1.000 Eu/µg
Expression system	Baculovirus infected insect cells
Accession	Q08406
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Rat
Sequence	QKHSPQEAPHVQYERLGTDTVLP CGTASWDAAVTW RVN GTD LAPDLLNGS QLILRSLELG HSGLYACFHRDSWHLRHQVLLHVGLPPREP VLSCRSNTYP KGFYCSWHL SAPTYIPNTFNVTVLHGSKMMVCEKDPALK NRCHIRYMH LF STIKYKVSISVSNALGHNTTAITFDEFTVKPDPPENVVARP VPSNPRRL EVTWQTPSTWPD PESFPLKFFLRYP LILDQWQHVELSN GTAHTITDAYA GKEYIIQVAAKDNEIGTWS DWSVA AHATPWTEEP RHLTTE AQAPETTTST TSSLAPPPTTKICDPGELSSLEHHHHHH
Predicted molecular weight	37 kDa including tags
Amino acids	23 to 342
Tags	His tag C-Terminus
Additional sequence information	This product is the mature full length protein from aa 23 to 342. The signal peptide and propeptide are not included (NP_001003929).

Specifications

Our **Abpromise guarantee** covers the use of **ab219463** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 10% Glycerol (glycerin, glycerine), 90% PBS

General Info

Function

Binds to CNTF. The alpha subunit provides the receptor specificity.

Tissue specificity

Nervous system and skeletal muscle.

Sequence similarities

Belongs to the type I cytokine receptor family. Type 3 subfamily.

Contains 2 fibronectin type-III domains.

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

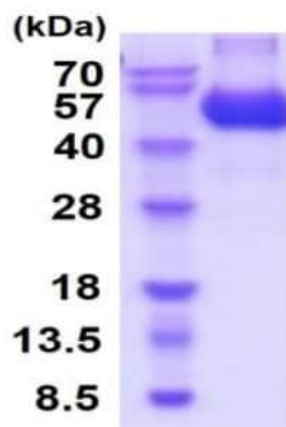
Domain

The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.

Cellular localization

Cell membrane.

Images



15% SDS-PAGE analysis of 3 µg ab219463.

Molecular Weight: 40-57 kDa SDS-PAGE under reducing conditions.

SDS-PAGE - Recombinant Rat CNTFR protein (His tag) (ab219463)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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