

Recombinant Human CNTNAP5 protein, His & T7-tagged

Cat. No. CNTNAP5-1058H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTNAP5 aa. (Ala25~Asp302 (Accession # Q8WYK1) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala25~Asp302
Description	This gene product belongs to the neurexin family, members of which function in the vertebrate nervous system as cell adhesion molecules and receptors. This protein, like other neurexin proteins, contains epidermal growth factor repeats and laminin G domains. In addition, it includes an F5/8 type C domain, discoidin/neuropilin- and fibrinogen-like domains, and thrombospondin N-terminal-like domains.
Form	Freeze-dried powder
Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 7.4.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	CNTNAP5 contactin associated protein like 5 [Homo sapiens (human)]
Official Symbol	CNTNAP5
Synonyms	CNTNAP5; contactin associated protein like 5; caspr5; contactin-associated protein-like 5; cell recognition molecule Caspr5
Gene ID	129684
mRNA Refseq	NM_130773.3
Protein Refseq	NP_570129.1

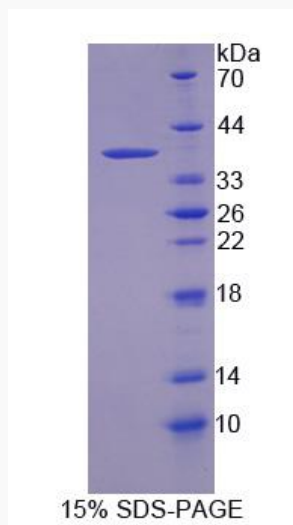
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UniProt ID

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