Recombinant Human CNTNAP3 Protein, His&GST-tagged

Cat. No. CNTNAP3-809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNTNAP3 Protein (Gly26-Lys349) with His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly26-Lys349
Description	The protein encoded by this gene belongs to the NCP family of cell-recognition molecules. This family represents a distinct subgroup of the neurexins. NCP proteins mediate neuron-glial interactions in vertebrates and glial-glial contact in invertebrates. The protein encoded by this gene may play a role in cell recognition within the nervous system. Alternatively spliced transcript variants encoding different isoforms have been described but their biological nature has not been determined.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 66.4 kDa; Accurate Molecular Mass: 66 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	CNTNAP3 contactin associated protein-like 3 [Homo sapiens (human)]
Official Symbol	CNTNAP3
Synonyms	CNTNAP3; contactin associated protein-like 3; contactin-associated protein-like 3; CASPR3; cell recognition molecule CASPR3 (FLJ14195; KIAA1714); CNTNAP3A; FLJ14195; KIAA1714; cell recognition molecule Caspr3; RP11-290L7.1; RP11-138L21.1;
Gene ID	79937
mRNA Refseq	NM_033655
Protein Refseq	NP_387504
MIM	610517
UniProt ID	Q9BZ76

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