

Recombinant Mouse Cntnap2, His tagged

Cat. No. Cntnap2-3316M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cntnap2 (NP_001004357.2) extracellular domain (Met 1-Ser 1262), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	Met 1-Ser 1262
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse CASPR2 comprises 1246 amino acids and has a calculated molecular mass of 139 kDa. The recombinant protein migrates as an approximately 140-150 kDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cntnap2 contactin associated protein-like 2 [Mus musculus]
Official Symbol	Cntnap2
Synonyms	CNTNAP2; contactin associated protein-like 2; contactin-associated protein-like 2; cell recognition molecule Caspr2; Caspr2; mKIAA0868; 5430425M22Rik;
Gene ID	66797
mRNA Refseq	NM_001004357
Protein Refseq	NP_001004357

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