

Contactin 1 (CNTN1) Recombinant Protein | CNTN1 recombinant protein

Recombinant Contactin 1 (CNTN1)

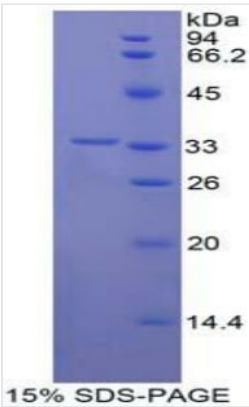
CATALOG # AAA133993	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Contactin 1 (CNTN1); Recombinant Contactin 1 (CNTN1); CNTN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for CNTN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Tyr736~Leu1003
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C 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.



Sequence

YGNNF GYVAFKPPD
GEEWKKVTVT NPDTEGRVHK DETMSPSTAF QVKVKAFNNK GDGPYSLVAV
INSAQDAPSE APTEVGKVL SSSEISVHWE HVLEKIVESY QIRYWAHDK
EEAANRVQVT SQEYSARLEN LLPDTQYFIE VGACNSAGCG PPSDMIEAFT
KKAPPSQPPR IISVRSRSGR YIITWDHVVA LSNESTVTGY KVLVRPDGQH
DGKLYSTHKH SIEVPIPRDG EYVVEVRAHS DGGDGVVSQV KISGAPTLSP
SLL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	366039949
NCBI GeneID	1272
NCBI Accession #	NP_001242992.1
NCBI GenBank Nucleotide #	NM_001256063.1
UniProt Accession #	Q12860; Q12861; Q14030; Q7M4P0; Q8N466; A8K0H9; A8K0Y3
Molecular Weight	Predicted Molecular Mass: 33.1kDa Accurate Molecular Mass: 34kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	contactin-1 isoform 3
NCBI Official Synonym Full Names	contactin 1
NCBI Official Symbol	CNTN1
NCBI Official Synonym Symbols	F3; GP135
NCBI Protein Information	contactin-1; glycoprotein gP135; neural cell surface protein F3
UniProt Protein Name	Contactin-1
UniProt Gene Name	CNTN1
UniProt Entry Name	CNTN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.