

Active Recombinant Human NRXN3 Protein, His-tagged

Cat. No. NRXN3-015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NRXN3 Protein(NP_620426.2)(Met 1-Thr 357) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-357 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of C6 Rat brain glial cells. When 5 x 10E4 cells/well are added to NRXN3 coated plates (0.8 µg/ml and 100 µl/well), approximately 30%-50% will adhere specifically after 60 minutes at 37 °C.
Molecular Mass	The recombinant human NRXN3 consists of 333 amino acids and predicts a molecular mass of 36 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhNRXN3 is approximately 50-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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 [NRXN3 neurexin 3 \[Homo sapiens \]](#)

Official Symbol [NRXN3](#)

Synonyms

NRXN3; neurexin 3; C14orf60, chromosome 14 open reading frame 60; neurexin-3-beta; KIAA0743; neurexin III; neurexin III-beta; neurexin III-alpha; C14orf60; MGC176711;

Gene ID [9369](#)

mRNA Refseq [NM_001105250](#)

Protein Refseq [NP_001098720](#)

MIM [600567](#)

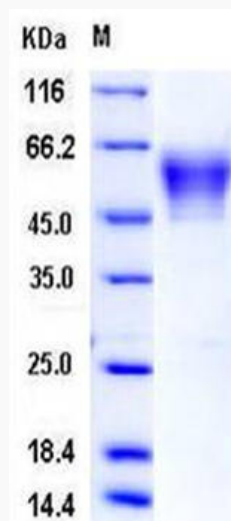
UniProt ID [Q9HDB5](#)

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SDS-PAGE



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