

Recombinant Full Length Human NXN Protein, C-Flag-tagged

Cat. No. NXN-1916HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NXN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the thioredoxin superfamily, a group of small, multifunctional redox-active proteins. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide bond formation and isomerization. The encoded protein acts a redox-dependent regulator of the Wnt signaling pathway and is involved in cell growth and differentiation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.2 kDa
AA Sequence	MSGFLEELLGEKLVTTGGGEEVDVHSLGARGISLLGLYFGCSLSAPCAQLSASLAIFY GRLRGDAAAGPGP GAGAGAAAPEPRRRLEIVFVSSDQDQRQWQDFVRDMPWL ALPYKEKHRKLKLWNKYRISNIPSLIFLDA TTGKVVCNRNGLLVIRDDPEGLEFPWGP PFREVIAGPLLRNNGQSLESSSLEGSHVGVYFSAHWCPPCRSLTRVLVESYRKIKE AGQNFEIIFVSADRSEESFKQYFSEMPWLAVPYTDEARRSRLNRLYGIQGIPTLIM LD PQGEVITRQGRVEVLNDEDCREFPWHPKPVLELSDSNAQAQLNEGPCLVLFVDSRDD GESEAAKQLIQP IAEKIIAKYKAKEEEAPLLFFVAGEDDMTDSL RDYTNLPEAAPLLTI LDMSARAKYVMDVEEITPAIVEA FVNDFLAEKLPKPEPI TRTRPLEQKLISEEDLAANDI

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	LDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	NXN nucleoredoxin [Homo sapiens (human)]
Official Symbol	NXN
Synonyms	NRX; RRS2; TRG-4
Gene ID	64359
mRNA Refseq	NM_022463.5
Protein Refseq	NP_071908.2

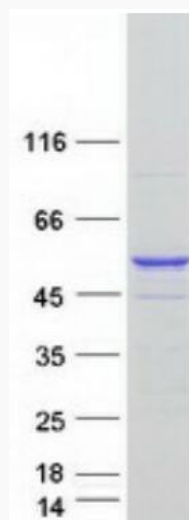
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MIM 612895

UniProt ID Q6DKJ4



Coomassie blue staining of purified NXN protein.

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