

Recombinant Human NXN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NXN-2432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NXN MS Standard C13 and N15-labeled recombinant protein (NP_071908) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	48.2 kDa
AA Sequence	MSGFLEEELLGEKLVTTGGGEEVDVHSLGARGISLLGLYFGCSLSAPCAQLSASLAIFY GRLRGDAAAGPGPGAGAGAAAEEPEPRRRLEIVFVSSDQDQRQWQDFVRDMPWLA LPYKEKHKRKLKLWNKYRISNIPSLIFLDATTGKVVCNGLLVIRDDPEGLEFPWGPKP FREVIAGPLLRNNGQSLESSSLEGSHVGVYFSAHWCPPCRSLTRVLVESYRKIKEAG QNFEIIFVSADRSEESFKQYFSEMPWLAVPYTDEARRSRLNRLYGIQGIPTLIMLDPQ GEVITRQGRVEVLNDEDCREFPWHPKPVLELSDSNAACLNEGPCLVLFVDSEDDGE SEAAKQLIQPIAEKIIAKYKAKEEEAPLLFFVAGEDDMTDSLRYTNLPEAAPLLTILDM SARAKYVMDVEEITPAIVEAFVNDFLAEKLPKPEITRTRPLEQKLISEEDLAANDILDYK

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	DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

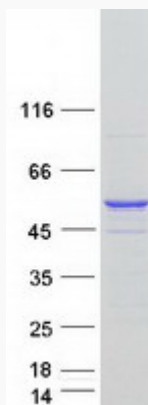
Gene Name	NXN nucleoredoxin [Homo sapiens (human)]
Official Symbol	NXN
Synonyms	NXN; nucleoredoxin; FLJ12614; NRX; nucleoredoxin 1; TRG-4;
Gene ID	64359
mRNA Refseq	NM_022463
Protein Refseq	NP_071908
MIM	612895
UniProt ID	Q6DKJ4

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SDS-PAGE



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