Recombinant Human NXN Protein, His-tagged

Cat. No. NXN-774H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NXN(Gly166~Ile327) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly166~Ile327
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	21.8kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	NXN nucleoredoxin [Homo sapiens]
Official Symbol	NXN
Synonyms	NXN; nucleoredoxin; FLJ12614; NRX; nucleoredoxin 1; TRG-4;
Gene ID	64359
mRNA Refseq	NM_001205319
Protein Refseq	NP_001192248
MIM	612895
UniProt ID	Q6DKJ4

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