

Recombinant Human NXNL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NXNL1-3922H **Lot. No.** (See product label)

SPECIFICATION

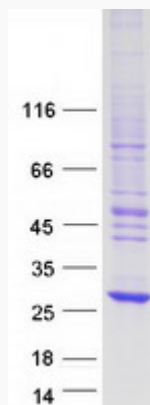
Product Overview	NXNL1 MS Standard C13 and N15-labeled recombinant protein (NP_612463) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Retinitis pigmentosa (RP) is a disease that leads to blindness by degeneration of cone photoreceptors. Rods produce factors required for cone viability. The protein encoded by this gene is one of those factors and is similar to a truncated form of thioredoxin. This gene has been proposed to have therapeutic value against RP.
Molecular Mass	23.9 kDa
AA Sequence	MASLFSGRILIRNNSDQDELDTEAEVSRRLLENRLVLLFFGAGACPQCQAFVPILKDFF VRLTDEFYVLRAAQLALVYVSQDSTEEQQDLFLKDMPPKKWLFLPFEDDLRRDLGRQ FSVERLPAVVVLKPDGDVLT RDGADEIQRLGTACFANWQEAAEVLDRNFQLPEDLE DQEPRSLTECLRRHKYRVEKAARGGRDPGGGGGEEGGAGGLFTRTRPLEQKLISE EDLAANDILDYKDDDDKV
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.

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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	NXNL1 nucleoredoxin-like 1 [Homo sapiens (human)]
Official Symbol	NXNL1
Synonyms	NXNL1; nucleoredoxin-like 1; thioredoxin like 6, TXNL6; nucleoredoxin-like protein 1; RDCVF; thioredoxin-like 6; thioredoxin-like protein 6; rod-derived cone viability factor; TXNL6;
Gene ID	115861
mRNA Refseq	NM_138454
Protein Refseq	NP_612463
MIM	608791
UniProt ID	Q96CM4

SDS-PAGE

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