Recombinant Full Length Human XRN2 Protein, C-Flag-tagged

Cat. No. XRN2-465HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human XRN2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a 5'-3' exonuclease that promotes transcription termination at cotranscriptional cleavage sites. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	108.4 kDa
AA Sequence	MGVPAFFRWLSRKYPSIIVNCVEEKPKECNGVKIPVDASKPNPNDVEFDNLYLDMN GIIHPCTHPEDKPA PKNEDEMMVAIFEYIDRLFSIVRPRRLLYMAIDGVAPRAKMNQQ RSRRFRASKEGMEAAVEKQRVREEIL AKGGFLPPEEIKERFDSNCITPGTEFMDNLA KCLRYYIADRLNNDPGWKNLTVILSDASAPGEGEHKIMD YIRRQRAQPNHDPNTHH CLCGADADLIMLGLATHEPNFTIIREEFKPNKPKPCGLCNQFGHEVKDCEGLP REKK GKHDELADSLPCAEGEFIFLRLNVLREYLERELTMASLPFTFDVERSIDDWVFMCFF VGNDFLPHL PSLEIRENAIDRLVNIYKNVVHKTGGYLTESGYVNLQRVQMIMLAVGE VEDSIFKKRKDDEDSFRRRQKE KRKRMKRDQPAFTPSGILTPHALGSRNSPGSQVA SNPRQAAYEMRMQNNSSPSISPNTSFTSDGSPSPLG GIKRKAEDSDSEPEPEDNV RLWEAGWKQRYYKNKFDVDAADEKFRRKVVQSYVEGLCWVLRYYYQGCASW KW

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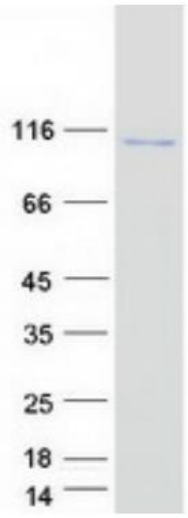
	YYPFHYAPFASDFEGIADMPSDFEKGTKPFKPLEQLMGVFPAASGNFLPPSWRKLM SDPDSSIIDFYP EDFAIDLNGKKYAWQGVALLPFVDERRLRAALEEVYPDLTPEETR RNSLGGDVLFVGKHHPLHDFILELY QTGSTEPVEVPPELCHGIQGKFSLDEEAILPD QIVCSPVPMLRDLTQNTVVSINFKDPQFAEDYIFKAVM LPGARKPAAVLKPSDWEKS SNGRQWKPQLGFNRDRRPVHLDQAAFRTLGHVMPRGSGTGIYSNAAPPPVT YQG NLYRPLLRGQAQIPKLMSNMRPQDSWRGPPPLFQQQRFDRGVGAEPLLPWNRML QTQNAAFQPNQYQ MLAGPGGYPPRRDDRGGRQGYPREGRKYPLPPPSGRYNWNTRTRPLEQKLISEE DLAANDILDYKDDDDKV
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 Pathways	RNA degradation
Full Length	Full L.

GENE INFORMATION

Gene Name	XRN2 5'-3' exoribonuclease 2 [Homo sapiens (human)]
Official Symbol	XRN2

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Synonyms	5'-3' exoribonuclease 2; Dhm1-like protein (mouse homolog); OTTHUMP00000030403
Gene ID	22803
mRNA Refseq	NM_012255.5
Protein Refseq	NP_036387.2
MIM	608851
UniProt ID	Q9H0D6



Coomassie blue staining of purified XRN2 protein.

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