

Product datasheet for PH323980

XRN2 (NM_012255) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	XRN2 MS Standard C13 and N15-labeled recombinant protein (NP_036387)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223980
Predicted MW:	108.4 kDa
Protein Sequence:	>RC223980 representing NM_012255 Red=Cloning site Green=Tags(s)

MGVPAFFRWLSRKYPSSIIIVNCVEEKPKECNGVKIPVDASKPNPNDVEFDNL YLDMNGIIHPCTHPEDKPA
PKNEDEMVAIFEYIDRLF SIVRPRRLLYMAIDGVAPRAKMNQQRFRFRASKEGMEA AVEKQRVREEIL
AKGGFLPPEEIKERFDSNCITPGTEFMDNLAKCLRYIADRLNNDPGWKNLTVILSDASAPGEGEHKIMD
YIRRQRAQPNHDPNTHHCLCGADADLIMLGLATHEPNFTI IREEFKPNKPKCGLCNQFGHEVKDCGLP
REKKGKHDELADSLPCAEGEFIFLRLNVLREYLERELTMASLPFTFDVERSIDDWVFMCFVGNDFLPHL
PSLEIRENAIDRLVNIYKNVVKHTGGYL TEGYVNLQRVQMIMLAVGEVEDSIFKKRDEDSFRRRQKE
KRKRMRDQPAFTPSGILTPHALGSRNSPGSQVASNPRQAAYEMRMQNNSSPSISPNTSFTSDGSPSPLG
GIKKAEDSDSEPEPEDNVRLEWAGWKQRYKFKFDVDADEKFRRKVVQSYVEGLCWVLRYYYQGCASW
KWYYPFHYAPFASDFEGIADMPDFEKGTKPFKPLEQLMGVFPAAASGNFLPPSWRKLMSDPDSSIIDFYF
EDFAIDLNGKKYAWQGVALLPFVDERLRAALEEYYPDLTPEETRRNSLGGDVLVFGKHPLHDFILELY
QTGSTPEVPELCHGIQGFSLDEEAILPDQIVCSPVMLRDLTQNTVVSINFKDPQFAEDYIFKAVM
LPGARKPAAVLKPSDWEKSSNGRQWKPLGFNRDRRPVHLDQAAFRTLGHVMPRGSGTGIYSNAAPPVVT
YQGNLYRLLRGQAQIPKLSNMRPQDSWRGPPPLFQQQRFDRGVGAEP LLPWNRMLQTQNAAFQPNQYQ
MLAGPGGYPPRRDDRGGGRQGYPREGRKYPLPPPSGRYNWN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: [NP_036387](#)

RefSeq Size: 3449

RefSeq ORF: 2850

Locus ID: 22803

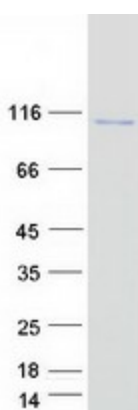
UniProt ID: [Q9H0D6](#)

Cytogenetics: 20p11.22

Summary: 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. [provided by RefSeq, Dec 2015]

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified XRN2 protein (Cat# [TP323980]). The protein was produced from HEK293T cells transfected with XRN2 cDNA clone (Cat# [RC223980]) using MegaTran 2.0 (Cat# [TT210002]).