

Recombinant Full Length Human YTHDF1 Protein, C-Flag-tagged

Cat. No. YTHDF1-1236HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human YTHDF1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables N6-methyladenosine-containing RNA binding activity and ribosome binding activity. Involved in mRNA destabilization; positive regulation of translational initiation; and stress granule assembly. Located in P-body and cytoplasmic stress granule.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	60.7 kDa
AA Sequence	MSATSVDTQRTKGQDNKVQNGSLHQKDTVHDNDFEPYLTGQSNQNSYPSMSDP YLSSYYPPSIGFPYSL NEAPWSTAGDPPIPYLT TYGQLSNGDHHFMHDAVFGQP GG LGNNIYQHRFNFFPENPAFSAWGTSGSQGQ QTQSSAYGSSYTYPPSSLGGTVVDG QPGFHS DTL SKAPGMNSLEQGMVGLKIGDVSSSAVKTVGSVSVSSV ALTGVL SGN G GTNVNMPVSKPTSWAAIASKPAKPQPKMKTSGPVMGGGLPPPIKHNM DIGTWD NKG PV PKAPVPQQAPSPQAAPQPQQAQPLPAQPPALAQ PQYQSPQQPPQTRW VAPRNRNAAFGQSGGAGSDSNS PGNVQPN SAPSVESH PVLEKLKAAHSYNPKEFE WNLKSGRVFIKSYSEDDIHRSIKYSIWCSTE HGNKR LDSAFRCMSSKGPVYLLFSV NGSGHF CGVAEMKSPVDYGT SAGVWSQDKWK GKF DVQWIFVKDVPNNQLR HIRL

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	ENNDNKPV TNSRDTQEVPLEKAKQVLKISSYKHTTSIFDDFAHYEKRQEEEEVVRKE RQSRNKQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
Full Length	Full L.

GENE INFORMATION

Gene Name	YTHDF1 YTH N6-methyladenosine RNA binding protein 1 [Homo sapiens (human)]
Official Symbol	YTHDF1
Synonyms	DF1; C20orf21
Gene ID	54915
mRNA Refseq	NM_017798.4
Protein Refseq	NP_060268.2

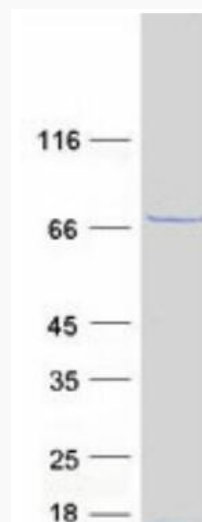
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MIM 616529

UniProt ID Q9BYJ9



Coomassie blue staining of purified YTHDF1 protein.

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