

Recombinant Human HuD protein (His tag) ab225658

Description

Product name	Recombinant Human HuD protein (His tag)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P26378</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MVMIISTMEPQVSNGPTSNTSNGPSSNNRNCPSMQTGA TTDDSKTNLIV NYLPQNMTQEEFRSLFGSIGEIESCKLVRDKITGQSLGYGF VNYIDPKDA EKAINTLNGLRLQTKTIKVSYPSSASIRDANLYVSGLPKT MTQKELEQ LFSQYGRITSRILVDQVTGVS RGVGFIRFDKRIEAEAAIKGL NGQKPSG ATEPITVKFANNPSQKSSQALLSQLYQSPNRRYPGPLHHQ AQRFRLDNLL NMAYGVKRLMSGPVPPSACPPRFSPITIDGMTSLVGMNIP GHTGTGWCIF VYNLSPDSDESVLWQLFGPFGAVNNVKVIRDFNTNKCKG FGFVTMTNYDE AAMAIASLNGYRLGDRV LQVSFKTNKAHKS</p>
Predicted molecular weight	62 kDa including tags
Amino acids	1 to 380
Tags	His tag N-Terminus
Additional sequence information	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged.

Specifications

Our **Abpromise guarantee** covers the use of **ab225658** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
pH: 7.2
Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

General Info

Function May play a role in neuron-specific RNA processing. Protects CDKN1A mRNA from decay by binding to its 3'-UTR (By similarity). Binds to AU-rich sequences (AREs) of target mRNAs, including VEGF and FOS mRNA.

Tissue specificity Brain.

Sequence similarities Belongs to the RRM elav family.
Contains 3 RRM (RNA recognition motif) domains.

Post-translational modifications Methylation at Arg-243 by CARM1 weakens protective binding to the 3'-UTR of CDKN1A mRNA and down-regulates CDKN1A protein expression, thereby maintaining cells in a proliferative state. Methylation is inhibited by NGF, which facilitates neurite outgrowth.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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