

Recombinant Human HNRNPD Protein, His-tagged

Cat. No. HNRNPD-004H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa) (HNRNPD), transcript variant 3, with N-terminal HIS tag, expressed in E.Coli.
Species	Human
Source	E.coli
Description	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are nucleic acid binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It localizes to both the nucleus and the cytoplasm. This protein is implicated in the regulation of mRNA stability. Alternative splicing of this gene results in four transcript variants.
Molecular Mass	32.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

µg/mL as determined by microplate BCA method

Storage Buffer 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.

GENE INFORMATION

Gene Name [HNRNPD heterogeneous nuclear ribonucleoprotein D \[Homo sapiens \(human\) \]](#)

Official Symbol [HNRNPD](#)

Synonyms HNRNPD; heterogeneous nuclear ribonucleoprotein D; P37; AUF1; AUF1A; HNRPD; hnRNPD0; heterogeneous nuclear ribonucleoprotein D0; ARE-binding protein AUF1, type A; AU-rich element RNA binding protein 1, 37kDa; hnRNP D0

Gene ID [3184](#)

mRNA Refseq [NM_002138](#)

Protein Refseq [NP_002129](#)

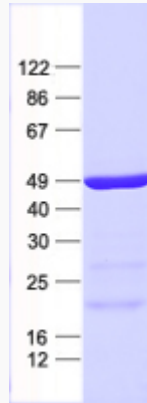
MIM [601324](#)

UniProt ID [Q14103](#)

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