

Recombinant Human HNRNPD Protein, GST-tagged

Cat. No. HNRNPD-4914H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HNRNPD full-length ORF (NP_112738.1, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	<p>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. [provided by RefSeq]</p>
Molecular Mass	64.8 kDa
AA Sequence	<p>MSEEQFGGDGAAAAATAAVGGSAGEQEGAMVAATQGAAAAGSGAGTGGGTAS GGTEGGSASEGAKIDASKNEEDEGHSSNSPRHSEATAQREEWKMFIGGLSWDT TKKDLKDYFSKFGEVVDCTLKLDPITGRSRGFGFVLFKESESVDKVMQKEHKLNG</p>

 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

KVIDPKRAKAMKTKEPVKKIFVGGGLSPDTPEEKIREYFGGFGEVESIELPMDNKTNKR
 RGFCFITFKEEEPVKKIMEKKYHNVGLSKCEIKVAMSKEQYQQQQWGSRRGGFAG
 RARGRGGGPSQNWNQGYSNYWNQGYGNYGYNSSQGYGGYGGYDYTGYNYYGY
 GDYSNQQSGYGKVSRRGGHQNSYKPY

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HNRNPD heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa) [Homo sapiens]
Official Symbol	HNRNPD
Synonyms	HNRNPD; heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa); AUF1, heterogeneous nuclear ribonucleoprotein D (AU rich element RNA binding protein 1, 37kD) , HNRPD; heterogeneous nuclear ribonucleoprotein D0; hnRNP D0; ARE-binding protein AUF1, type A; P37; AUF1; AUF1A; HNRPD; hnRNPD0;
Gene ID	3184

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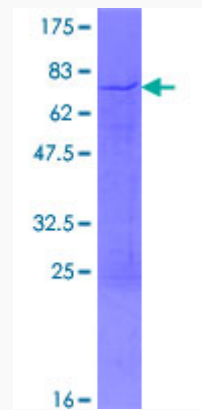
mRNA Refseq [NM_001003810](#)

Protein Refseq [NP_001003810](#)

MIM [601324](#)

UniProt ID [Q14103](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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