Recombinant Human HNRNPD Protein, Myc/DDK-tagged

Cat. No. HNRNPD-001H **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 4 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
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	30.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50

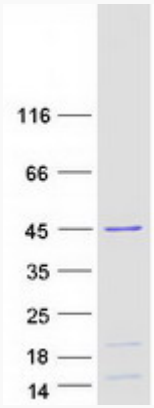
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	μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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 AUFI, type A; AU-rich element RNA binding protein 1, 37kDa; hnRNP D0
Gene ID	3184
mRNA Refseq	NM_001003810
Protein Refseq	NP_001003810
MIM	601324
UniProt ID	Q14103

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