Recombinant Human HNRPDL, GST-tagged

Cat. No. HNRPDL-13878H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HNRPDL protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-280a.a.
Description	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA 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 RRM domains that bind to RNAs. Three alternatively spliced transcript variants have been described for this gene. One of the variants is probably not translated because the transcript is a candidate for nonsense-mediated mRNA decay. The protein isoforms encoded by this gene are similar to its family member HNRPD.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.

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Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	HNRPDL heterogeneous nuclear ribonucleoprotein D-like [Homo sapiens]
Official Symbol	HNRPDL
Synonyms	heterogeneous nuclear ribonucleoprotein D-like; 5037; Ensembl:ENSG00000152795; heterogeneous nuclear ribonucleoprotein D-like;hnRNP DL;hnRNP D-like;protein laAUF1;JKT41-binding protein;AU-rich element RNA-binding factor;A+U-rich element RNA binding factor; HNRNP; JKTBP; JKTBP2; laAUF1
Gene ID	9987
mRNA Refseq	NM_001207000.1
Protein Refseq	NP_001193929.1
MIM	607137
UniProt ID	O14979
Chromosome Location	4q21.22
Function	double-stranded DNA binding; nucleotide binding; poly(A) RNA binding; single-stranded DNA binding;

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