

Recombinant Human HNRPD_L, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human HNRPD _L 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°C. 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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