

Recombinant Full Length Human HNRNPR Protein, GST-tagged

Cat. No. HNRNPR-3618HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRNPR full-length ORF (BAG35961.1, 1 a.a. - 633 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	633 amino acids
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 three repeats of quasi-RRM domains that bind to RNAs and also contains a nuclear localization motif. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Molecular Mass	97.3 kDa
AA Sequence	MANQVNGNAVQLKEEEEEPMDTSSVTHTEHYKTLIEAGLPQKVAERLDEIFQTGLVAY VDLDEGAIDALREFNEEGALSVLQQFKESDLSHVQNKSAFLCGVMKTYRQREKQGS

 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

KVQESTKGPDEAKIKALLERTGYTLDVTTGQRKYGDPPPDVYSGVQPGIGTEVFV
 GKIPRDLYEDELVPLFEKAGPIWDLRLMMDPLSGQNRGYAFITFCGKEAAQEAVKLC
 DSYEIRPGKHLGVCISVANNRLFVGSIPKNKTENILEEFSKVTEGLVDVILYHQPDDK
 KKNRGFCFLEYEDHKSAQAARRRLMSGKVWGNVTVWADPVEEPDPEVMAK
 VKVLFVRNLATTVTEEILEKSFSEFGKLERVKKLKDYAFVHFEDRGA AVKAMDEMNG
 KEIEGEEIEIVLAKPPDKKRKERQAARQASRSTAYEDYYYHPPPRMPPPIRGRGRGG
 GRGGYGYPDYGYEDYYDDYYGYDYHDYRGGYEDPYGYDDGYAVRGRGGGR
 GGRGAPPPRGRGAPPPRGRAGYSQRGAPLGPGRSRGGRGGPAQQQRGRGS
 RGSRGNRGGNVGGKRKADGYNQPSKRRQTNNQQNWGSQLIAQQPLQQGGDYS
 GNYGYNNNDNQEFYQDTYGGQWK

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

HNRNPR heterogeneous nuclear ribonucleoprotein R [Homo sapiens]

Official Symbol

HNRNPR

Synonyms

HNRNPR; heterogeneous nuclear ribonucleoprotein R; HNRPR; hnRNP R; hnRNP-R;
 FLJ25714;

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Gene ID	10236
mRNA Refseq	NM_001102397
Protein Refseq	NP_001095867
MIM	607201
UniProt ID	O43390

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