Recombinant Full Length Human HNRNPH2 Protein, GST-tagged

Cat. No. HNRNPH2-3597HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HNRNPH2 full-length ORF (ADR82989.1, 1 a.a. - 449 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	449 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 binds to RNAs. It is very similar to the family member HNRPH1. This gene is thought to be involved in Fabray disease and X-linked agammaglobulinemia phenotype. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq
Molecular Mass	49.4 kDa
AA Sequence	MMLSTEGREGFVVKVRGLPWSCSADEVMRFFSDCKIQNGTSGIRFIYTREGRPSGE

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	AFVELESEEEVKLALKKDRETMGHRYVEVFKSNSVEMDWVLKHTGPNSPDTANDG FVRLRGLPFGCSKEEIVQFFSGLEIVPNGMTLPVDFQGRSTGEAFVQFASQEIAEKA LKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMAMQRPGPYDRPGAGRGYNSIGR GAGFERMRRGAYGGGYGGYDDYGGYNDGYGFGSDRFGRDLNYCFSGMSDHRYG DGGSSFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPMRVHIEIGPDGRVTGEADV EFATHEDAVAAMAKDKANMQHRYVELFLNSTAGTSGGAYDHSYVELFLNSTAGAS GGAYGSQMMGGMGLSNQSSYGGPASQQLSGGYGGGYGGQSSMSGYDQVLQEN SSDYQSNLA
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	HNRNPH2 heterogeneous nuclear ribonucleoprotein H2 (H) [Homo sapiens]
Official Symbol	HNRNPH2
Synonyms	HNRNPH2; heterogeneous nuclear ribonucleoprotein H2 (H); HNRPH2; heterogeneous nuclear ribonucleoprotein H2; FTP3; hnRNPH; HNRPH; FTP-3; hnRNP H; hnRNP H2; heterogeneous nuclear ribonucleoprotein H-prime;
Gene ID	3188

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mRNA Refseq	NM_001032393
Protein Refseq	NP_001027565
MIM	300610
UniProt ID	P55795

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