

Recombinant Full Length Human HNRNPM Protein, GST-tagged

Cat. No. HNRNPM-728HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HNRNPM(1 a.a. - 730 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	730 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. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Alternative splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	103.9 kDa

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AA Sequence

MAAGVEAAAE VAATEIKMEE ESGAPGVPSG NGAPGPKGEG ERPAQNEKRK
 EKNIKRGGNR FEPYANPTKR YRAFITNIPF DVKWQSLKDL VKEKVGEVTY
 VELLMDAEGK SRGCAVVEFK MEESMKKAAE VLNKHSLSGR PLKVKEDPDG
 EHARRAMQKV MATTGGMGMG PGGPGMITIP PSILNNPNIP NEIIHALQAG
 RLGSTVFNAN LDYKVGWKKL KEVFSMAGVV VRADILEDKD GKSRGIGTVT
 FEQSIEAVQA ISMFNGQLLF DRPMHVKMDE RALPKGDFFP PERPQQLPHG
 LGGIGMGLGP GGQPIDANHL NKGIGMGNIG PAGMGMEGIG FGINKMGGME
 GPFGGGMENM GRFGSGMNMG RINEILSNAL KRGEIIAKQG GGGGGGSVPG
 IERMGPIDR LGGAGMERMG AGLGHGMDRV GSEIERMGLV MDRMGsverm
 GSGIERMGPL GLDHMASSIE RMGQTMERIG SGVERMGAGM GFGLERMAAP
 IDRVGQTIER MGSGVERMGP AIERMGLSME RMVPAGMGAG LERMGPVMDR
 MATGLERMGA NNLERMGLER MGANSLERMG LERMGANSLE RMGPAMGPAL
 GAGIERMGLA MGGGGGASFD RAIEMERGNF GGSFAGSFGG AGGHAPGVAR
 KACQIFVRNL PFDFTWKMLK DKFNECGHVL YADIKMENGK SKGCGVVKFE
 SPEVAERACR MMNGMKLSGR EIDVRIDRNA

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
Gene Name

HNRNPM heterogeneous nuclear ribonucleoprotein M [Homo sapiens]

Official Symbol

HNRNPM

Synonyms

HNRNPM; heterogeneous nuclear ribonucleoprotein M; HNRPM, NAGR1; CEA receptor; CEAR; HNRNPM4; HNRPM4; HTGR1; hnRNA-binding protein M4; N-acetylglucosamine receptor 1; heterogenous nuclear ribonucleoprotein M4; HNRPM;

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NAGR1; hnRNP M; DKFZp547H118

Gene ID 4670**mRNA Refseq** NM_005968**Protein Refseq** NP_005959**MIM** 160994**UniProt ID** P52272 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