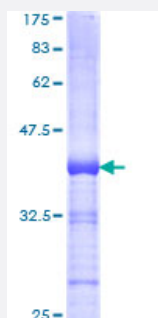


HNRPM (Human) Recombinant Protein (Q01)

Catalog # H00004670-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HNRPM partial ORF (NP_005959, 17 a.a. - 112 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KMEEESGAPGVPSGNGAPGPKGEGERPAQNEKRKEKNIKRGGNRFEPYANPTKRYRAFITNIPF DVKWQSLKDLVKEKVGVTYVELLMDAEGKSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — HNRNPM

Entrez GeneID [4670](#)

GeneBank Accession# [NM_005968](#)

Protein Accession# [NP_005959](#)

Gene Name HNRNPM

Gene Alias DKFZp547H118, HNRNPM4, HNRPM, HNRPM4, HTGR1, NAGR1

Gene Description heterogeneous nuclear ribonucleoprotein M

Omim ID [160994](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Multiple alternatively spliced transcript variants are known for this gene but only two transcripts have been isolated. [provided by RefSeq]

Other Designations M4 protein|N-acetylglucosamine receptor 1|heterogeneous nuclear ribonucleoprotein M|heterogeneous nuclear ribonucleoprotein M4|hnRNA-binding protein M4