

Recombinant human Heterogeneous nuclear ribonucleoprotein H

Catalog No: #AP71849

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Package Size: #AP71849-1 20ug #AP71849-2 100ug #AP71849-3 1mg

Description

Product Name	Recombinant human Heterogeneous nuclear ribonucleoprotein H
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-216aaSequence Info:Partial
Accession No.	P31943
Uniprot	P31943
GeneID	3187;
Calculated MW	51.2 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MLGTEGGEGFVVKVRGLPWSCSADEVQRFFSDCKIQNGAQGIRFIYTREGRPSGEAFVELESEDEVKLALKK DRETMGHRHYVEVFKSNNVEMDWVLKHTGPNSPDTANDGFVRLRGLPFGCSKEEIVQFFSGLEIVPNGITLPVD FQGRSTGEAFVQFASQEIAEKALKKKKERIGHRYIEIFKSSRAEVRTHYDPPRKLMMQRPQPYDRPGAG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Mediates pre-mRNA alternative splicing regulation. Inhibits, together with CUGBP1, insulin receptor (IR) pre-mRNA exon 11 inclusion in myoblast. Binds to the IR RNA. Binds poly(RG).

References

Heterogeneous nuclear ribonucleoproteins H, H', and F are members of a ubiquitously expressed subfamily of related but distinct proteins encoded by genes mapping to different chromosomes.Honore B., Rasmussen H.H., Vorum H., Dejgaard K., Liu X., Gromov P., Madsen P., Gesser B., Tommerup N., Celis J.E.J. Biol. Chem. 270:28780-28789(1995)Research Topic:Transcription

Note: This product is for in vitro research use only