

Recombinant Human Splicing factor U2AF 35KDA subunit(U2AF1)

Catalog No: #AP76727

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Package Size: #AP76727-1 20ug #AP76727-2 100ug #AP76727-3 1mg

Description

Product Name	Recombinant Human Splicing factor U2AF 35KDA subunit(U2AF1)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-240aaSequence Info:Full Length
Other Names	U2 auxiliary factor 35KDA subunit U2 small nuclear RNA auxiliary factor 1 U2 snRNP auxiliary factor small subunit
Accession No.	Q01081
Uniprot	P0DN76
GeneID	102724594;7307;
Calculated MW	54.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MAEYLASIFGTEKDKVNCSEFYFKIGACRHHGDRCSRLHNKPTFSQTIALLNIYRNPQNSSQSADGLRCAVSDVE MQEHYDEFFEEVFTEMEEKYGEVEEMNVCDNLGDHLVGNVYVKFREEDA EKAVIDLNNRWFNGQPIHAELS PVTDFREACCRQYEMGECTRGGFCNFMHLKPISRELRLRELYGRRRKKHRSRSRSRERRSRSDRGRGGGG GGGGGGGRERDRRRSRDRERSGRF
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

Plays a critical role in both constitutive and enhancer-dependent splicing by mediating protein-protein interactions and protein-RNA interactions required for accurate 3'-splice site selection. Recruits U2 snRNP to the branch point. Directly mediates interactions between U2AF2 and proteins bound to the enhancers and thus may function as a bridge between U2AF2 and the enhancer complex to recruit it to the adjacent intron.

References

"The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)."

The MGC Project Team

Genome Res. 14:2121-2127(2004) Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only