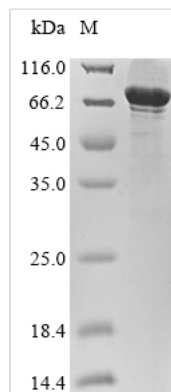




Recombinant Human ATP-dependent RNA helicase DDX3X (DDX3X)

Product Code	CSB-BP006621HU
Abbreviation	Recombinant Human DDX3X protein
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.
Uniprot No.	O00571
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	SHVAVENALGLDQQFAGLDLNSSDNQSGGSTASKGRYIPPHLRNREATKGFY DKDSSGWSSSKDKDAYSSFGSRSDSRGKSSFFSDRGSGSRGRFDDRGRSD YDGIGSRGDRSGFGKFERGGNSRWCDKSEDDWSKPLPPSERLEQELFSGG NTGINFEKYDDIPVEATGNNCPPHIESFSDVEMGEIIMGNIELTRYTRPTPVQKH AIIPIKEKRDLMACAQTGSGKTA AFLLPILSQIYSDGPGEALRAMKENG RYGRR KQYPISLV LAPTRE LAVQIYEEARKFSYRSRVRPCVVYGGADIGQQIRD LERGC HLLVATPGRLV DMMER GKIGLDFCKYLV LDEAD RMLDMGFEPQIR RIVEQDTM PPKGVRHTMMFSATFPKEIQMLARDFLDEYIFLAVGRVGSTSENITQKV VVWE ESDKRSFLLDLLNATGKDSLTLVFVETKKGADSLED FLYHEGYACTSIHGDRSQ RDREEALHQFRSGKSPILVATAVAARGLDISNVKHVINFDLP SDIEEYVHRIGRT GRVGNLGLATSSFFNERNINITKDLLDLLVEAKQEVPSWLENMAYEHYK GSSR GRSKSSRFSGGFGARDYRQSSGASSSSSFSSSRASSSRSGGGGGHGSSRGFG GGGYGGFYNSDGYGGNYNSQGVDWWGN
Research Area	Developmental Biology
Source	Baculovirus
Target Names	DDX3X
Protein Names	Recommended name: ATP-dependent RNA helicase DDX3X EC= 3.6.4.13 Alternative name(s): DEAD box protein 3, X-chromosomal DEAD box, X isoform Helicase-like protein 2 Short name= HLP2
Expression Region	2-662aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	77
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The recombinant Human DDX3X was expressed with the amino acid range of 2-662. The theoretical molecular weight of the DDX3X protein is 77 kDa. This protein is generated in a baculovirus-based system. The N-terminal 10xHis tag and C-terminal Myc tag was fused into the coding gene segment of DDX3X, making it easier to detect and purify the DDX3X recombinant protein in the later stages of expression and purification.

ATP-dependent RNA helicase DDX3X (DDX3X), as an RNA helicase, is extensively involved in various research areas, including cancer, immunology, neuroscience, and virology. In cancer research, DDX3X's regulatory mechanisms in specific tumors like breast and lung cancers are a primary focus. In immunology, researchers are interested in the potential impact of DDX3X on antiviral immunity and autoimmune diseases. researchers are paying significant attention to understanding how it contributes to the development of the nervous system and its role in diseases that cause the nervous system to degenerate. In virology, DDX3X, acting as an RNA helicase, plays a crucial role in viral replication and host cell response. These studies are expected to provide profound insights into the treatment and prevention of related diseases.

Shelf Life

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