Recombinant Human Exosome complex component MTR3 (EXOSC6)

Product Code	CSB-BP722491HU
Abbreviation	EXOSC6
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.	Q5RKV6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MPGDHRRIRG PEESQPPQLY AADEEEAPGT RDPTRLRPVY ARAGLLSQAK GSAYLEAGGT KVLCAVSGPR QAEGGERGGG PAGAGGEAPA ALRGRLLCDF RRAPFAGRRR RAPPGGCEER ELALALQEAL EPAVRLGRYP RAQLEVSALL LEDGGSALAA ALTAAALALA DAGVEMYDLV VGCGLSLAPG PAPTWLLDPT RLEEERAAAG LTVALMPVLN QVAGLLGSGE GGLTESWAEA VRLGLEGCQR LYPVLQQSLV RAARRRGAAA QP
Source	Baculovirus
Target Names	EXOSC6
Protein Names	Recommended name: Exosome complex component MTR3 Alternative name(s): Exosome component 6 mRNA transport regulator 3 homolog Short name= hMtr3 p11
Expression Region	1-272
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene product constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. The composition of human exosome is similar to its yeast counterpart. This protein is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not for poly(A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation.

Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.