Recombinant Human Metaxin-2 (MTX2)

Product Code	CSB-YP015213HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75431
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSLVAEAFVS QIAAAEPWPE NATLYQQLKG EQILLSDNAA SLAVQAFLQM CNLPIKVVCR ANAEYMSPSG KVPFIHVGNQ VVSELGPIVQ FVKAKGHSLS DGLEEVQKAE MKAYMELVNN MLLTAELYLQ WCDEATVGEI THARYGSPYP WPLNHILAYQ KQWEVKRKMK AIGWGKKTLD QVLEDVDQCC QALSQRLGTQ PYFFNKQPTE LDALVFGHLY TILTTQLTND ELSEKVKNYS NLLAFCRRIE QHYFEDRGKG RLS
Source	Yeast
Target Names	MTX2
Protein Names	Recommended name: Metaxin-2 Alternative name(s): Mitochondrial outer membrane import complex protein 2
Expression Region	1-263
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 protein is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of this similarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane, and that it is involved in the import of proteins into the mitochondrion. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7.
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.