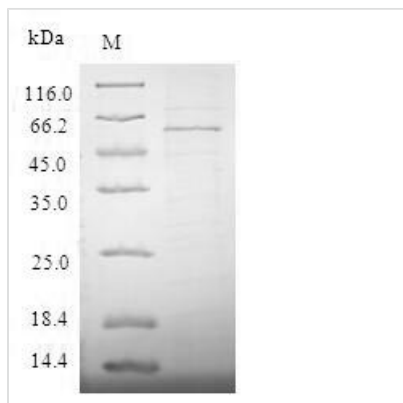




Recombinant Human Metalloreductase STEAP1 (STEAP1)

Product Code	CSB-CF890691HU
Relevance	Metalloreductase that has the ability to reduce both Fe ³⁺ to Fe ²⁺ and Cu ²⁺ to Cu ¹⁺ . Uses NAD ⁺ as acceptor
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.	Q9UHE8
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAAH DEFDCPSELQHTQELFPQWHLPIKIAAIIASLTFLYLLREVIHPLATSHQQYFYK IPLVINKVLPMSITLLALVYLPGVIAAIVQLHNGTKYKKFPHWLDKWMLTRKQF GLLSFFFAVLHAIYSLSPMRRSYRYKLLNWAYQQVQQNKEDAWIEHDVWRM EIYVSLGIVGLAILALLAVTSIPSVSDSLTWREFHYIQSKLGIVSLLLGTIHALIFAW NKWIDIKQFVWYTPPTFMIAVFLPIVVLIFKSILFLPCLRKKILKIRHWEDVTKIN KTEICSQL
Research Area	Tags & Cell Markers
Source	in vitro E.coli expression system
Target Names	STEAP1
Protein Names	Six-transmembrane epithelial antigen of prostate 1
Expression Region	1-339aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged
Mol. Weight	58.4kDa
Protein Length	Full Length
Image	



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

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.