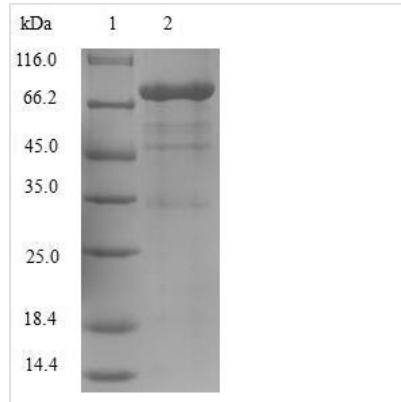


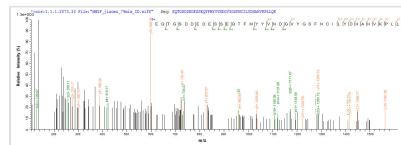


Recombinant Human Ornithine decarboxylase (ODC1)

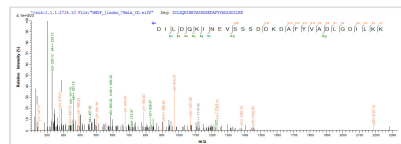
| | |
|--------------------------|---|
| Product Code | CSB-EP016269HU |
| Relevance | Key enzyme of polyamine biosynthesis that converts ornithine into putrescine, which is the precursor for the polyamines, spermidine and spermine. |
| Abbreviation | Recombinant Human ODC1 protein |
| Storage | The 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. | P11926 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | MNCFGNEEFDCHFLDEGFTA KDILDQKINEVSSSDDKDAFYVADLGDILKKHLR WLKALPRVTPFYAVKCNDSKAI VKTLAATGTGFDCASKTEIQLVQSLGVPPERII YANPCKQVSQIKYAANNGVQMMTFDSEVELMKVARAHPKAKLVLR IATDDSKA VCRLSVKFGATLR T SRLLLERAKELNIDVVGVSFHV GSGCTDPETFVQAISDAR CVFDMGAEVGF SMYLLDIGGGFPGSE DVKLKFE EITGVINPALDKYFPSDSGV RIIAEPGRYYVASAFTLAVNIIAKKIVLKEQTGS DDEDESSEQTFMYVNDGVY G SFNCILYDHAHVKPLLQKRPKPDEKYYSSSIWGPTCDGLDRIVERCDLPEMHV GDWMLFENMGAYTVAAASTFNGFQRPTIYYVMSGPAWQLMQQFQNPDFPPE VEEQDASTLPVSCAWESGMKRHRAACASASINV |
| Research Area | Signal Transduction |
| Source | E.coli |
| Target Names | ODC1 |
| Protein Names | Recommended name: Ornithine decarboxylase Short name= ODC EC= 4.1.1.17 |
| Expression Region | 1-461aa |
| 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 and C-terminal Myc-tagged |
| Mol. Weight | 71.1 kDa |
| Protein Length | Full Length |
| Image | |



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP016269HU could indicate that this peptide derived from E.coli-expressed Human herpesvirus 2 (strain HG52) (HHV-2) (Human herpes simplex virus 2) ODC1 .



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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.