

Decapping Enzyme, Scavenger Human Recombinant

| | |
|--|---|
| Item Number | rAP-1380 |
| Synonyms | Scavenger mRNA-decapping enzyme DcpS, DCS-1, Hint-related 7meGMP-directed hydrolase, Histidine triad protein member 5, HINT-5, DCPS, DCS1, HINT5, HSPC015, HSL1. |
| Description | DCPS Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 357 amino acids (1-337 a.a.) and having a molecular mass of 40.8kDa.DCPS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | Q96C86 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MADAAPQLGK RKRELDVEEA HAASTEEKEA GVGNGTCAPV RLPFSGFRLQ KVLRESARDK IIFLHGKVN EASGDGDGEDA VVILEKTPFQ VEQVAQLLTG SPEL- QLQFSN DIYSTYHLFP PRQLNDVKT VVYPATEKHL QKYL RQDLRL IRETGDDYRN ITPHLESQS LSIQWVYNIL DKKAEADRI FENPDPSDGF VLIPDLKWNQ QQLDDLYLIA ICHRRGIRSL RDLTP EHLPL LRNHLHQQQE AILQRYRMKG DHLRVYLHYL PSYYHLHVHF TALGFEAPGS GVERAHL LAE VIEN- LECDPR HYQQR TLTFALRADDPLLKL LQEAQQS. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | DCPS protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**