



Recombinant Hepatitis E virus Capsid protein (ORF2)

Product Code	CSB-EP309172HGC
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q00270
Product Type	Recombinant Protein
Immunogen Species	Hepatitis E virus (isolate Rhesus/HT-4) (HEV)
Purity	>85% (SDS-PAGE)
Sequence	RRQYNLSTSP LTSSVATGTN LVLAAPLSP LLPLQDGTNT HIMATEASNY AQYRVVRATI RYRPLVNAV GGYAISISFW PQTTTTPTSV DMNSITSTDV RILVQPGIAS ELVIPSERLH YRNQGWRSVE TSGVAEEEEAT SGLVMLCIHG SPVNSYTNTP YTGALGLLDF ALELEFRNLT PGNTNTRVSR YSSTARHRLR RGADGTAELT TTAATRFMKD LYFTSTNGVG EIGRGIALTL FNLADTLLGG LPTELISSAG GQLFYSRPVV SAHGEPTVKL YTSVENAQQD KGIAIPHDID LGESRVVIQD YDNQHEQDRP TPSPAPSRPF SVLRANDVLW LSLTAAEYDQ STYGSSTAPV YVSDSVTLVN VATGAQAVAR SLDWTKVTL DGRPLSTIQQY PKTFFVLPLR GKLSFWEAGT TKAGYPYNYN TTASDQLLVE NAAGHRVAIS TYTTSLGAGP VSISAVAVLA PHSALALLED TLDYP
Source	E.coli
Target Names	ORF2
Protein Names	Recommended name: Capsid protein Alternative name(s): Protein ORF2 Short name= pORF2
Expression Region	1-485
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
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.