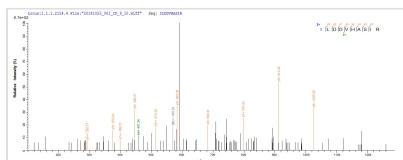




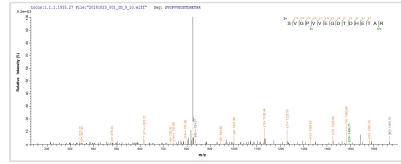
# Recombinant Halobacterium salinarum Cobalamin import ATP-binding protein BtuD (btuD)

<b>Product Code</b>	CSB-EP538512HTL
<b>Abbreviation</b>	Recombinant Halobacterium salinarum btuD protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	B0R5G4
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Halobacterium salinarum (strain ATCC 29341 / DSM 671 / R1)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MTLDVTGLDVELAGTRILDDVHASIRDGHLVGVVGPNGAGKSTLLRAMNGLITP TAGTVLVAGDDVHALSSAAASRRRIATVPQDASVSFEFTVRQVEMGRHPHTT RFGTDTDTAVVDRAMARTGVAQFAARDVTSLSGGERQRVLLARALAQAAPVL LLDEPTASLDVNHQIRTLEVVRDLADSEDRAVVAAIHDLDAARYCDELVVVAD GRVHDAGAPRSVLTPDTIRAAFDARVAVGTDPATGAVTVTPLPDRTSAAADTS VHVVGGSATPVVRRLLVSAGASVSVGPVVEGTDHETARRVGCPCTSVAP FTRLEDTTAASATRADIAAADVIAVPVAAAARPGVRGLLTGAVPTLAVGDAAGA PEWADRLVACDAVVSavgalADTPSDGV
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	btuD
<b>Protein Names</b>	Recommended name: Cobalamin import ATP-binding protein BtuD EC=3.6.3.33 Alternative name(s): Vitamin B12-transporting ATPase
<b>Expression Region</b>	1-398aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	40.5 kDa
<b>Protein Length</b>	Full Length

## Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP538512HTL could indicate that this peptide derived from E.coli-expressed Halobacterium salinarum (strain ATCC 29341 / DSM 671 / R1) btuD.



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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

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