



# Recombinant Human Epidermal growth factor receptor substrate 15 (EPS15), partial

<b>Product Code</b>	CSB-EP007748HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P42566
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           AAAAQLSLT QLSSGNPVYE KYRQVDTGN TGRVLASDAA AFLKKSGLPD            LILGKIWDLA DTDGKILNK QEFFVALRLV ACAQNGLEVS LSSLNLAVPP            PRFHDTSSPL LISGTSAAEL PWAVKPEDKA KYDAIFDSLS PVNGFLSGDK            VKPVLLNSKL PVDILGRVWE LSDIDHDGML DRDEFAMF LVCALKEP            VPMSLPPALV PPSKRKTWV SPAEKAKYDE IFLKTDKMD GFVSGLEVRE            IFLKTGLPST LLAHIWSLCD TKDCGKLSKD QFALAFHLIS QKLIKIDPP            HVLTPMIPP SDRASLQKNI IGSSPVADFS AIKELDTLNN EIVDLQREKN            NVEQDLKEKE DTIKQRTSEV QDLQDEVQRE NTNLQKLQAA KQQVQELLDE            LDEKQALEE QLKEVRKKA EEAQLISLK AELTSQESQI STYEEELAKA            REELSRLQQE TAELEESVES GKAQLEPLQQ HLQDSQQEIS SMQMMLMEMK            DLENHNSQLN WCSSPHSILV NGATDYCSLS TSSSETANLN EHVEGQSNLE            SEPIHQESPA RSSPELLPSG VTDENEVTTA VTEKVCSELD NNRHSKEEDP            FNVDSSSLTG PVADTNLDFQ QSDPFVGSDF FKDDPFGKID PFGGDPFKGS            DPFASDCFFR QSTDPFATSS TDPFSAANNS SITSVETLKH NDPFAPGGTV            VAASDSATDP FASVFGNESF GGFADFSTL SKVNNEDPFR SATSSSVSNV            VITKNVFEET SVKSEDEPPA LPPKIGTPTR PCPLPPGKRS INKLDSPDPF            KLNDPFQFPF GNDSPKEKDP EIFCDPFTSA TTTTNKEADP SNFANFSAYP            SEEDMIEWAK RESEREEEQR LARLNQQEQE DLELAIALSK SEISEA         </p>
<b>Source</b>	E.coli
<b>Target Names</b>	EPS15
<b>Protein Names</b>	Recommended name: Epidermal growth factor receptor substrate 15 Short name= Protein Eps15 Alternative name(s): Protein AF-1p
<b>Expression Region</b>	2-896
<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 type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Target Details</b>	This gene encodes a protein that is part of the EGFR pathway. The protein is present at clatherin-coated pits and is involved in receptor-mediated endocytosis of EGF. Notably, this gene is rearranged with the HRX/ALL/MLL gene in acute myelogenous leukemias. Alternative splicing results in multiple transcript



variants encoding distinct isoforms.

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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.

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**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.