



# Recombinant Human Glucosidase 2 subunit beta (PRKCSH)

<b>Product Code</b>	CSB-EP018709HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P14314
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>VEVKRP RGVSLTNHHF YDESKPFTCL DGSATIPFDQ VNDDYCDCKD            GSDEPGTAAC PNGSFHCTNT GYKPLYIPSN RVNDGVCDCC DGTDEYNNGV            ICENTCKEKG RKERESLQQM AEVTREGFRL KKILIEDWKK AREEKQKKLI            ELQAGKKSLE DQVEMLRTVK EEAEKPEREA KEQHQLWEE QLAAAKAQQE            QELAADAFKE LDDDMDGTVS VTELQTHPEL DTDGDGALSE AEAQALLSGD            TQTDATSFYD RVWAAIRDKY RSEALPTDLP APSAPDLTEP KEEQPPVPSS            PTEEEEEEEEE EEEEEAEEEE EEEDSEEAPP PLSPQPASP AEEDKMPPYD            EQTQAFIDAA QEARNKFEEA ERSKLDMEES IRNLEQEISF DFGPNGEFAY            LYSQCYELTT NEYVYRLCPF KLVSQKPKLG GSPTSLGTWG SWIGPDHDKF            SAMKYEQGTG CWQGPNRSTT VRLLCGKETM VTSTTEPSRC EYLMELMTPA            ACPEPPPEAP TEDDHDEL</p>
<b>Source</b>	E.coli
<b>Target Names</b>	PRKCSH
<b>Protein Names</b>	Recommended name: Glucosidase 2 subunit beta Alternative name(s): 80K-H protein Glucosidase II subunit beta Protein kinase C substrate 60.1 kDa protein heavy chain Short name= PKCSH
<b>Expression Region</b>	15-528
<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>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes the beta-subunit of glucosidase II, an N-linked glycan-processing enzyme in the endoplasmic reticulum (ER). This protein is an acidic phospho-protein known to be a substrate for protein kinase C. Mutations in this gene have been associated with the autosomal dominant polycystic liver disease (PCLD). Alternatively spliced transcript variants encoding distinct isoforms have been observed.
<b>Reconstitution</b>	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.