




Recombinant Human Lactase-phlorizin hydrolase (LCT), partial

Product Code	CSB-EP012827HU
Abbreviation	Recombinant Human LCT protein, partial
Storage	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.
Uniprot No.	P09848
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Human Lactase-phlorizin hydrolase (LCT), partial
Immunogen Species	Homo sapiens (Human)
Sensitivity	Not Test
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SDWESDRNFISTAGPLTNDLLHNLGSGLLGDQSSNFVAGDKDMYVCHQPLPTF LPEYFSSLHASQITHYKVFLSWAQLLPAGSTQNPDEKTVQCYRLLKALKTARL QPMVILHHQTLPASTLRRTEAFADLFADYATFAFHSFGDLVGIWFTFSDLEEVIK ELPHQESRASQLQTLSDAHRKAYEIIYHESYAFQGGKLSVV
Research Area	Others
Source	E.coli
Target Names	LCT
Expression Region	20-220aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	29.7 kDa
Protein Length	Partial
Image	 <p>(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.</p>
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.

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