

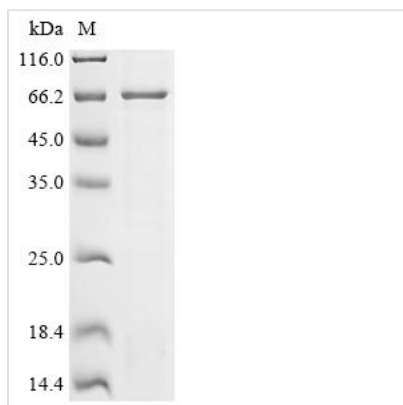


Recombinant Human Galactocerebrosidase (GALC)

Product Code	CSB-CF009196HU(F1)e1
Abbreviation	Recombinant Human GALC protein
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.	P54803
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.
Product Type	Recombinant Human Galactocerebrosidase(GALC)
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	YVLDDSDGLGREFDGIGAVSGGGATSRLLVNYPEPYRSQILDYLFKPNFGASL HILKVEIGDGGQTTDGTTPSHMHYALDENYFRGYEWWLMKEAKKRNPNTLIG LPWSFPGWLGKGFDPYPVNLQLTAYVVVTWIVGAKRYHDLIDYIGIWNERSY NANYIKILRKMLNYQGLQRVKIIASDNLWESISASMLLDAELFKVVDVIGAHYPG THSAKDAKLTGKKLWSSSEDFSTLNSDMGAGCWGRILNQNYINGYMTSTIAWN LVASYEQLPYGRCGLMTAQEPWSGHYVVEVPVWVSAHTTQFTQPGWYYLK TVGHLEKGGSYVALTDGLGNLTIIEETMSHKHSCIRPFLPYFNVSQQFATFVLK GSFSEIPELQVWYTKLGKTSERFLFKQLDSLWLLDSDGSFTLSLHEDELFTLTT LTTGRKGSYPLPPKSQFPSTYKDDFNVDYPPFFSEAPNFADQTGVFEYFTNIE DPGEHHFTLRQVLNQRPIWAADASNTISIIGDYNWNTLTIKCDVYIETPDTGGV FIAGRVNKGILIRSARGIFFWIFANGSYRVTGDLAGWIIYALGRVEVTAKKWYT LTLTIKGHFTSGMLNDKSLWTDIPVNF PKNGWAAIGTHSF EFAQFDNFLVEATR
Research Area	Cardiovascular
Source	in vitro E.coli expression system
Target Names	GALC
Expression Region	43-685aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	73.0 kDa
Protein Length	Full Length of Mature Protein



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.