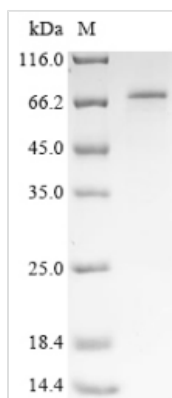




Recombinant Mouse Galactocerebrosidase (Galc)

Product Code	CSB-CF009196MO
Abbreviation	Recombinant Mouse 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.	P54818
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 Mouse Galactocerebrosidase(Galc)
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YVLDDSDGLGREFDGIGAVSGGGATSRLLVNYPEPYRSEILDYLFKPNFGASL HILKVEIGGDGQTTDGTESPMHYELDENVFRGYEWWLMKEAKKRNPDIILMG LPWSFPGWLKGFSWPYVNLQLTAYVVRWILGAKHYHDLDIDYIGIWNERP DANYIKELRKMLDYQGLQVRVRIASDNLWEPISSSLLLDQELWKVVDVIGAHYP GTYTVWNAKMSGKKLWSSSEDFSTINSNVGAGCWSRILNQNYINGNMTSTIAW NLVASYEEELPYGRSGLMTAQEPWSGHYVVASPIWVSAHTTQFTQPGWYYLK TVGHLEKGGSYVALTDGLGNLTIIETMSHQHSMCIRPYLPYYNVSHQLATFTLK GSLREIQELQVWYTKLGTPQQRLHFKQLDTLWLLDGSGSFTLELEDEIFTLT LTTGRKGSYPPPPSSKPFPTNYKDDFNVEYPLFSEAPNFADQTGVFEYYMNN EDREHRFTLRQVLNQRPIWAADASTISVIGDHHWTNMTVQCDVYIETPRSG GVFIAGRVNKGILIRSATGVFFWIFANGSYRVATDLGGWITYASGHADVTAKR WYTLTLGIKGYFAFGMLNGTILWKNVRVKYPGHGWAAIGTHTFEFAQFDNFRV EAAR
Research Area	Cardiovascular
Source	in vitro E.coli expression system
Target Names	Galc
Expression Region	43-684aa
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	73.1 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.