

Recombinant Mouse Galc Protein

Cat. No. Galc-360M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Galc Protein(P54818)(43-684aa) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	43-684aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	73.1kDa
AA Sequence	<p>YVLDDSDGLGREFDGIGAVSGGGATSRLLVNYPEPYRSEILDYLFKPNFGASLHILKV EIGGDGQTTDGTPEPSHMHYELDENYFRGYEWWLMKEAKKRNPDIILMGLPWSFPG WLGKGFSPYPVNLQLTAYYVVRWILGAKHYHDLDDIDYIGIWNERPFDANYIKELRKM LDYQGLQRVRIIASDNLWEPISSLLLLDQELWKVVDVIGAHYPGTYTVWNAKMSGKK LWSSSEDFSTINSNVGAGCWSRILNQNYINGNMTSTIAWNLVASYEEELPYGRSGLM TAQEPWSGHYVVASPIWVSAHTTQFTQPGWYYLKTVGHLEKGGSYVALTDGLGNL TIIETMSHQHSMCIRPYLPYYNVSHQLATFTLKGSLREIQELQVWYTKLGTQQRLH FKQLDTLWLLDGSFSFTLELEDEIFTLTTLTGRKGSYPPPPSSKPFPTNYKDDFNV EYPLFSEAPNFADQTVFEYMNEDREHRFTLRQVLNQRPIITWAADASSTISVIGD HHWTNMTVQCVDVYIETPRSGGVFIAGRNVNKGKGGILIRSATGVFFWFIFANGSYRVTADL</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GGWITYASGHADVTAKRWYTLTLGIKGYFAFGMLNGTILWKNVRVKYPGHGWAAIG
THTFEFAQFDNFRVEAAR

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name Galc galactosylceramidase [*Mus musculus*]

Official Symbol Galc

Synonyms GALC; galactosylceramidase; galactocerebrosidase; GALCERase; galactocerebroside beta-galactosidase; galactosylceramide beta-galactosidase; twi; Gacy; AW212969; AW413532; twitcher; 2310068B06Rik; A930008M05Rik

Gene ID 14420

mRNA Refseq NM_008079

Protein Refseq NP_032105

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SDS-PAGE



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