

Recombinant Mouse Galc Protein

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

SPECIFICATION

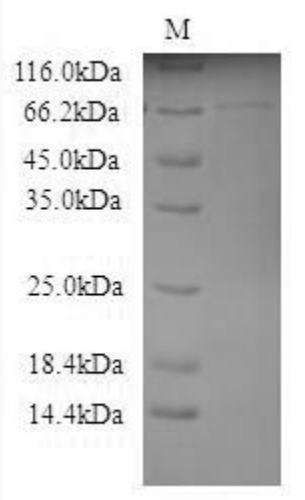
Product Overview	Recombinant Mouse Galc Protein(P54818)(43-684aa) was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	43-684aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	73.1kDa
AA Sequence	YVLDDSDGLGREFDGIGAVSGGGATSRLLVNYPEPYRSEILDYLFKPNFGASLHILKV EIGGDGQTTDGTETPSHMHYELDENYFRGYEWWLMKEAKKRNPDIILMGLPWSFPG WLGKGFSPYPVNLQLTAYYVVRWILGAKHYHDLDDIDYIGIWNERPFDANYIKELRKM LDYQGLQRVRIIASDNLWEPISSSLLLDQELWKVVDVIGAHYPGTYTVWNAKMSGKK LWSSSEDFSTINSNVGAGCWSRILNQNYINGNMTSTIAWNLVASYYEELPYGRSGLM TAQEPWSGHYVVASPIWVSAHTTQFTQPGWYYLKTGVHLEKGGSYVALTDGLGNL TIIETMSHQHSMCIRPYLPYYNVSHQLATFTLKGSLREIQELQVWYTKLGTTPQQLH FKQLDTLWLLDGSFSFTLELEDEIFTLTTLTTGRKGSYPPPPSSKPFPTNYKDDFNV EYPLFSEAPNFADQTGVFEYYMNEDREHRFTLRQVLNQRPIITWAADASSTISVIGD HHWTNMTVQCVDYIETPRSGGVFIAGRVNKGKILIRSATGVFFWIFANGSYRVTADL

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	GGWITYASGHADVTAKRWYTLTLGIKGYFAFGMLNGTILWKNVRVKYPGHGWAAIG THTFEFAQFDNFRVEAAR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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 [<i>Mus musculus</i>]
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

SDS-PAGE

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