

Galactocerebrosidase (GALC) Recombinant Protein | GALC recombinant protein

Recombinant Human Galactocerebrosidase (GALC)

CATALOG # AAA113776	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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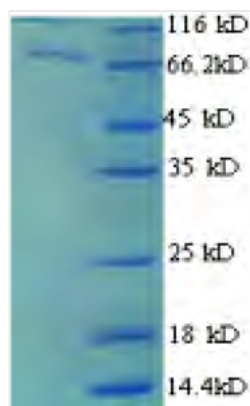
PRODUCT SYNONYMS

Galactocerebrosidase (GALC); Recombinant Human Galactocerebrosidase (GALC); GALC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	43-685aa; Full-Length of the Mature Protein
Sequence	YVLDDSDGLG REFDGIGAVS GGGATSRLLV NYPEPYRSQI LDYLFKPNFG ASLHILKVEI GGDGQTTDGT EPSHMHYALD ENYFRGYEWW LMKEAKKRNPNITLIGLPWS FPGWLGKGFDPYVNLQLTA YVVTWIVGA KRYHDLIDY IGIWNERSYN ANYIKILRKM LNYQGLQVRK IIASDNLWES ISASMLLDAE LFKVVDVIGA HYPGTHSAKD AKLTGKKLWS SEDFSTLNSD MGAGCWGRILNQNYINGYMT STIAWNLVAS YYEQLPYGRC GLMTAQEPWS GHYVVESPVW VSAHTTQFTQ PGWYYLKTVG HLEKGGSYVA LTDGLGNLTI IETMSHKHS KCIRPFLPYF NVSQQFATFV LKGSFSEIPE LQVWYTKLGK TSEFLFKQL DSLWLLSDG SFTLSLHEDE LFTLTTLTTG RKGSYPLPPK SQPFSTYKD DFNVDYPFFS EAPNFADQTG VFEYFTNIED PGEHHFTLRQ VLNQRPIWA ADASNTISII GDYNWTNLTIKCDVYIETPD TGGVFIAGRV NKGGLIRSA RGIFFWIFAN GSYRVTGDLA GWIIYALGRV EVTAKKWYTL TLTIKGHFAS GMLNDKSLWT DIPVNFPKNG WAAIGTHSFE FAQFDNFLVE ATR
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GALC recombinant protein	This gene encodes a lysosomal protein which hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, lactosylceramide, and monogalactosyldiglyceride. Mutations in this gene have been associated with Krabbe disease, also known as globoid cell leukodystrophy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83281450
NCBI GeneID	2581
NCBI Accession #	NP_000144.2
NCBI GenBank Nucleotide #	NM_000153.3
UniProt Accession #	P54803; Q8J030; B4DKE8; B4DYN1; B4DZJ8; B7Z7Z2; J3KN25; J3KPP8
Molecular Weight	74.8 kDa
NCBI Official Full Name	galactocerebrosidase isoform a
NCBI Official Synonym Full Names	galactosylceramidase
NCBI Official Symbol	GALC
NCBI Protein Information	galactocerebrosidase
UniProt Protein Name	Galactocerebrosidase
UniProt Gene Name	GALC
UniProt Synonym Gene Names	GALCERase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.