

Recombinant Human LARGE2 Protein, GST-tagged

Cat. No. LARGE2-4506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GYLTL1B full-length ORF (BAC04675.1, 1 a.a. - 721 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	LARGE2 (LARGE Xylosyl- And Glucuronyltransferase 2) is a Protein Coding gene. Diseases associated with LARGE2 include Interstitial Myocarditis and Muscular Dystrophy-Dystroglycanopathy , Type B, 6. Among its related pathways are Mannose type O-glycan biosynthesis and O-linked glycosylation. An important paralog of this gene is LARGE1.
Molecular Mass	105.71 kDa
AA Sequence	MLPRGRPRALGAAALLLLLLLLGFLFGGDLGCERREPGGRAGAPGCFPGPLMPRV PPDGRLRRAAALDGDPGAGPGDHNRSDCGPQPPPPPKCELLHVAIVCAGHNSSRD VITLVKSMLFYRKNP LHLVTDVARNILETLFHTWMVPAVRVSFYHADQLKPRVS RIPNKHYSGLYGLMKLVLP SALPAELARVIVLDTDTVFASDISELWALFAHFSDTQAIG LVENQSDWYLG NLWKNHRPWPALGRGFNTGVILLRLDRLRQAGWEQMWRLTARR ELLSLPATSLADQDIFNAVIKEHPGLVQRLPCVWNVQLSDHTLAERCYSEASDLKVIH WNSPKKLRVKNKHVEFFRN FYLTFLEYDGNLLRREL FVCPSQPPPGAEQLQQALAQ LDEEDPCFEFRQQQLTVHRVHVTF LPEHPPPPRPHDVT LVAQLSMDRLQMLEALCR HWPGPMSLALYLTDAEAQQFLHFVEASPVLAARQDVAYHVYREGPLYPVNQLRN

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VALAQALTPYVFLSDIDFLPAYSLYDYLRASIEQLGLGSRRKAALVVPAFETLRYRFSF
PHSKVELLALLDAGTLYTFRYHEWPRGHAPTDYARWREAQAPYRVQWAANYEPYV
VVPRDCPRYDPRFVGFGWNKVAHIVELDAQEYELLVLPEAFTIHLPHAPSLDISRFRS
SPTYRDCLQALKDEFHQDLSRHHGAAALKYLPALQQPQSPARG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [LARGE2 LARGE xylosyl- and glucuronyltransferase 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [LARGE2](#)

Synonyms LARGE2; LARGE xylosyl- and glucuronyltransferase 2; glycosyltransferase-like 1B; 16522; Ensembl:ENSG00000165905; FLJ35207; glycosyltransferase-like protein LARGE2;like-glycosyltransferase 2;ortholog of mouse glycosyltransferase-like 1B; LARGE2; PP5656

Gene ID [120071](#)

mRNA Refseq [NM_152312](#)

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Protein Refseq	NP_689525
MIM	609709
UniProt ID	B3KP69

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