

Recombinant Full Length Human GALK1 Protein, GST-tagged

Cat. No. GALK1-5227HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GALK1 full-length ORF (AAH01166, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	392 amino acids
Description	Galactokinase is a major enzyme for the metabolism of galactose and its deficiency causes congenital cataracts during infancy and presenile cataracts in the adult population. [provided by RefSeq
Molecular Mass	68.86 kDa
AA Sequence	MAALRQPQVAELLAEARRAFREFGAPELAVSAPGRVNLIGEHTDYNQGLVLPMA LELMTVLVGSPRKDGLVSLTTSEGADEPQRLQFPLPTAQRSLEPGTPRWANYVKG VIQYYPAAPLPGFSAVVVSSVPLGGGLSSSASLEVATYTFLLQQLCPDSGTIAARAQV CQQAESFAGMPCGIMDQFISLMGQKGHALLIDCRSLETSLVPLSDPKLAVLITNSNV RHSLASSEYPVRRRQCEEVARALGKESLREVQLEEEAARDLVSKEGFRRARHVG EIRRTAQAAAALRRGDYRAFGRLMVESHRSRLRDDYEVSCPELDQLVEAALAVPGVY GSRMTGGGFGGCTVTLLLEASAAPHAMRHIQEHYGGTATFYLSQAADGAKVLCL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 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	GALK1 galactokinase 1 [Homo sapiens]
Official Symbol	GALK1
Synonyms	GALK1; galactokinase 1; GALK; galactokinase; galactose kinase; GK1;
Gene ID	2584
mRNA Refseq	NM_000154
Protein Refseq	NP_000145
MIM	604313
UniProt ID	P51570

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