

# Recombinant Full Length Human GALK1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human GALK1 full-length ORF ( AAH01166, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	392 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	68.86 kDa
<b>AA Sequence</b>	MAALRQPQVAELLAEARRAFREFGAPELAVSAPGRVNLIGEHTDYNQGLVLPMA LELMTVLVGSPrkdGLVSLTTSEGADEPQRLQFPLPTAQRSLEPGTPrWANYVKG VIQYYPAAPLPGFSAVVVSSVPLGGGLSSSASLEVATYTFLLQQLCPDSGTIAARAQV CQQAeHSFAGMPCGIMDQFISLMGQKGHALLIDCRSLETSLVPLSDPKLAVLITNSNV RHSLASSEYPVRRRQCEEVARALGKESLREVQLEEEAARDLVSKEGFRRARHVVG EIRRTAQAAAALRRGDYRAFGRMLVESHRSRDRDDYEVSCPELDQLVEAALAVPGVY GSRMTGGGFGGCTVTLLEASAAPHAMRHIQEHYGGTATFYLSQAADGAKVLCL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production  
Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GALK1 galactokinase 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GALK1</a>
<b>Synonyms</b>	GALK1; galactokinase 1; GALK; galactokinase; galactose kinase; GK1;
<b>Gene ID</b>	<a href="#">2584</a>
<b>mRNA Refseq</b>	<a href="#">NM_000154</a>
<b>Protein Refseq</b>	<a href="#">NP_000145</a>
<b>MIM</b>	<a href="#">604313</a>
<b>UniProt ID</b>	<a href="#">P51570</a>

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