

Recombinant Human GALK1 Protein, His-tagged

Cat. No. GALK1-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GALK1 fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	20mM Tris-HCl, 150mM NaCl, pH 8.0.
Molecular Mass	43.3 kDa
Endotoxin	< 0.1 EU per µg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Storage	Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 µg/mL as determined by microplate BCA method

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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