

Recombinant Human GALK1 Protein, His-tagged

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

SPECIFICATION

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| 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 g 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 ug/mL as determined by microplate BCA method |

GENE INFORMATION

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|------------------------|---|
| 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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