

## Product datasheet for **TP721055**

### **GALK2 (NM\_002044) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human galactokinase 2 (GALK2), transcript variant 1
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Ala458
<b>Tag:</b>	C-His
<b>Predicted MW:</b>	51.4 kDa
<b>Purity:</b>	Greater than 95% as determined by RP-HPLC and reducing SDS-PAGE.
<b>Buffer:</b>	Supplied as a 0.2 um filtered solution of 25mM Tris.HCl, pH7.3, 100mM glycine, 10% glycerol.
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
<b>Storage:</b>	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_002035</a>
<b>Locus ID:</b>	2585
<b>UniProt ID:</b>	<a href="#">Q01415</a>
<b>RefSeq Size:</b>	3330
<b>Cytogenetics:</b>	15q21.1-q21.2
<b>RefSeq ORF:</b>	1374
<b>Synonyms:</b>	GK2
<b>Summary:</b>	This gene encodes a highly efficient N-acetylgalactosamine (GalNAc) kinase, which has galactokinase activity when galactose is present at high concentrations. The encoded protein is a member of the GHMP kinase family. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2017]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Amino sugar and nucleotide sugar metabolism, Galactose metabolism, Metabolic pathways



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