

## Product datasheet for **TP721055XL**

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

#### **Product data:**

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| <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>                               | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl  |
| <b>Endotoxin:</b>                            | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)  |
| <b>Storage:</b>                              | Store at -80°C.  |
| <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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