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Datasheet for ABIN7547800

GALK2 Protein (AA 1-458) (His tag)

Overview

Quantity:	1 mg
Target:	GALK2
Protein Characteristics:	AA 1-458
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GALK2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant GALK2 Protein expressed in mammalian cells.
Sequence:	<p>MATESPATRR VQVAEHPRLK KLKEMFNSKF GSIPKFYVRA PGRVNIIGEH IDYCGYSVLP MAVEQDVLIA VEPVKTYALQ LANTNPLYPD FSTSANNIQI DKTKPLWHNY FLCGLKGIQE HFGLSNLTGM NCLVDGNIPP SSSLSSSSAL VCCAGLVTLT VLGRNLSKVE LAEICKASER YIGTEGGGMD QSISFLAEEG TAKLIEFSPL RATDVKLPSG AVFVIANSCV EMNKAATSHF NIRVMECRLA AKLLAKYKSL QWDKVLRLLEE VQAKLGISLE EMLLVTEDAL HPEPYNPEEI CRCLGISLEE LRTQILSPNT QDVLIFKLYQ RAKHVYSEAA RVLQFKKICE EAPENMVQLL GELMNQSHMS CRDMYECSCP ELDQLVDICR KFGAQQSRLT GAGWGGCTVS MVPADKLPSF LANVHKAYYQ RSDGSLAPEK QSLFATKPGG GALVLLEA Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

GALK2

Alternative Name:

GALK2 ([GALK2 Products](#))

Background:

N-acetylgalactosamine kinase (EC 2.7.1.157) (GalNAc kinase) (Galactokinase 2),FUNCTION: Acts on GalNAc. Also acts as a galactokinase when galactose is present at high concentrations. May be involved in a salvage pathway for the reutilization of free GalNAc derived from the degradation of complex carbohydrates. {ECO:0000269|PubMed:16006554}.

Molecular Weight:

50.4 kDa

UniProt:

[Q01415](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months