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Datasheet for ABIN7556190
GALK1 Protein (AA 1-392) (His tag)

Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | GALK1 |
| Protein Characteristics: | AA 1-392 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GALK1 protein is labelled with His tag. |

Product Details

| | |
|--------------|---|
| Purpose: | Custom-made recombinant Galk1 Protein expressed in mammalian cells. |
| Sequence: | MAAWRPPRVE ELLAEARRAF MEEFGAEPPEL AVSAPGRVNL IGEHTDYNQG LVLPMALELV TVMVGSPRTD GLVSLTTSK DADEPQRLQF PLPSAQWSLE PGIPQWANYV KGVIQHYPAS PLVGFSAVVV SSVPLGGGLS SSASLEVATY TFIQLCPDS GAIAARAQVC QRAEHSFAGV PCGIMDQLIA LLGQKGYALL IDCRSLETSL VPLSDPKLAV LITNSNVRHS LGSSEYPVRR RQCEEVAQAL GKESLREVRM EELEAGRELM SKEGFRRARH VVSEIRRTAQ AAAAMSRGDY KAFGRMLMVES HYSLRDDYEV SCPELDQLVE AALSVPGVYG SRMTGGGFGG CTVTLLEASV APLVIDHIQE QYSGTATFYL SQAADGAQVL SL 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. |
| Specificity: | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer. |

Product Details

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:

GALK1

Alternative Name:

Galk1 ([GALK1 Products](#))

Background:

Galactokinase (EC 2.7.1.6) (Galactose kinase),FUNCTION: Catalyzes the transfer of a phosphate from ATP to alpha-D-galactose and participates in the first committed step in the catabolism of galactose. {ECO:0000269|PubMed:10915771}.

Molecular Weight:

42.3 kDa

UniProt:

[Q9R0N0](#)

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

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| 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 |