

Datasheet for ABIN7558752
PLEKHM3 Protein (AA 1-761) (His tag)



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Overview

Quantity:	1 mg
Target:	PLEKHM3
Protein Characteristics:	AA 1-761
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHM3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Plekhm3 Protein expressed in mammalian cells.
Sequence:	MEALEVDDIS PALEVTEDFF STFDSKLEKA VQQAENVYGIQ EVPELVGHEV LGNIADNGAL RSVASLGKGT MIWDHCKSRL LETKAQNVFP AKEQLMVQRG TAPDNLSWMA QKEASTFNFF NICQRRRRDRP RSVNDLLEDET TTFKPGHARS RSDVTHVDWR VVLSTMPLQQ QQQQQQASLQ GIHFPGPSFL LSSPSKVEDA QGNTEHKQTF PNILKKGYLE IRKNHDSYWQ SCYAELSPYN LNFYSLDSSG NQNLYATYQL SHFQISIVLG NLEARMVDTV LYDNSQLQLK AESPWEALDW GQKLWEVVHA AVPNYMGRQG EMANSPGLIH HGDCAQNHCL QKKSSGLLAS PVLDSPKQYQ NILKSGTLYR LTVQNNWKAF TFVLSKAYLM AFHPGKLEDED PLLSYNVDVC LAVQIDNLDG CDSCFQVIFP QDVLRLRAET RQRAQEWMEA LKTAANAARS SEQNLQVTLR NKPKDQLDGR ELRKNKRQSV TTSFLSILTT LSLERGLTAQ SFKCAGCQRS IGLSNGKAKV CNYSGWYYCS SCHVDDSFLI PARIVHNWDT SKYKVSQKAK EFLEYVYEEP LIDIQQENPM LYLHAEPLAT VVRLRQRLKS LRAYLFSCRA AVAEDLRRRI FPREYLLQOI HLYSLADLQQ VIEGKLAPFL GKVIKFATAH VYSCSLCSQK GFICEICNNG EILYPFEDIS TSRCEGCGAV FHSECKEKS

Product Details

PCPRCVRREL QKKQKSFWRQ LNVDESLEEA CAMFELSYQS T **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.

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: PLEKHM3

Alternative Name: Plekhm3 ([PLEKHM3 Products](#))

Background: Pleckstrin homology domain-containing family M member 3 (PH domain-containing family M member 3) (Differentiation-associated protein),FUNCTION: Involved in skeletal muscle differentiation (PubMed:19028694). May act as a scaffold protein for AKT1 during muscle differentiation (PubMed:19028694). {ECO:0000269|PubMed:19028694}.

Molecular Weight: 86.6 kDa

UniProt: [Q8BM47](#)

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
