

[Go to Product page](#)

Datasheet for ABIN7548011  
**GKAP1 Protein (AA 1-366) (His tag)**

## Overview

Quantity:	1 mg
Target:	GKAP1
Protein Characteristics:	AA 1-366
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GKAP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat GKAP1 Protein expressed in mammalian cells.
Sequence:	MASAVLSSVP TTASRFALLQ VDSGSGSDSE PGKGKGRNTG KSQTLGSKST TNEKKREKRR KKKEQQQSEA NELRNLAFFK IPQKSSHAVC NAQHDLPLSN PVQKDSREEN WQEWQRDEQ LTSEMFEADL EKALLLSKLE YEEHKKEYED AENTSTQSKV MNKKDKRKNH QGKDRPLTVS LKDFHSEDHI SKKTEELSSS QTLSHDGGFF NRLEDDVHKI LIREKRREQL TEYNGTDNCT AHEHNQEVVL KDGRIERLKL ELERKDAEIQ KLKNVITQWE AKYKEVKARN AQLLKMLQEG EMKDKAEILL QVDESQSIKN ELTIQVTSLLH AALEQERSKV KVLQAELAKY QGGRKGKRNS ESDQCR <b>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.</b>
Characteristics:	Key Benefits:

## Product Details

---

- 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, Western Blot
---------	---

---

Grade:	custom-made
--------	-------------

---

## Target Details

---

Target:	GKAP1
---------	-------

---

Alternative Name:	GKAP1 ( <a href="#">GKAP1 Products</a> )
-------------------	--

---

Background:	G kinase-anchoring protein 1 (cGMP-dependent protein kinase-anchoring protein of 42 kDa),FUNCTION: Regulates insulin-dependent IRS1 tyrosine phosphorylation in adipocytes by modulating the availability of IRS1 to IR tyrosine kinase. Its association with IRS1 is required for insulin-induced translocation of SLC2A4 to the cell membrane. Involved in TNF-induced impairment of insulin-dependent IRS1 tyrosine phosphorylation. {ECO:0000250 UniProtKB:Q9JMB0}.
-------------	--

---

Molecular Weight:	42.1 kDa
-------------------	----------

---

UniProt:	<a href="#">Q5VSY0</a>
----------	------------------------

---

## Application Details

---

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
--------------------	--

---

## Application Details

---

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