

Product datasheet for **TP327915L**

GKAP1 (NM_001135953) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Homo sapiens G kinase anchoring protein 1 (GKAP1), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC227915 representing NM_001135953
Red=Cloning site **Green**=Tags(s)

MASAVLSSVPTTASRFALLQVDSGSGSDSEPGKKGKGRNTGKSQTLGSKSTTNEKKREKRRKKKEQQQSEA
NELRNLAFFKIPQKSSHAVCNAQHDLPLSNPVQKDSREENWQEWQRDEQLTSEMFEADLEKALLLSKLE
YEEHKKEYEDAENTSTQSKVMNKKDKRKNHQGKDRPLTVSLKDFHSEDHISKKTEEVVLKDGRIERLKLE
LERKDAEIQKLKNVITQWEAKYKEVKARNAQLLKMLQEGEMKDKAEILLQVDESQSIKNELTIQVTSLSHA
ALEQERSKVKVLQAEALAKYQGGRKGRNSESQDCR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35.9 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001129425](#)

Locus ID: 80318



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UniProt ID: [Q5VSY0](#)

Cytogenetics: 9q21.32

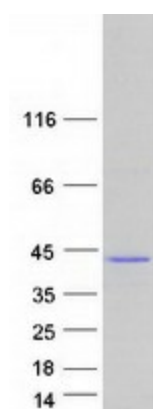
RefSeq ORF: 945

Synonyms: FKSG21; GKAP42

Summary: This gene encodes a protein that is highly similar to the mouse cGMP-dependent protein kinase anchoring protein 42kDa. The mouse protein has been found to localize with the Golgi and recruit cGMP-dependent protein kinase I alpha to the Golgi in mouse testes. It is thought to play a role in germ cell development. Transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified GKAP1 protein (Cat# [TP327915]). The protein was produced from HEK293T cells transfected with GKAP1 cDNA clone (Cat# [RC227915]) using MegaTran 2.0 (Cat# [TT210002]).