

Product datasheet for PH310936

GRASP1 (GRIPAP1) (NM_020137) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | GRIPAP1 MS Standard C13 and N15-labeled recombinant protein (NP_064522) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC210936 |
| Predicted MW: | 96 kDa |
| Protein Sequence: | >RC210936 protein sequence Red=Cloning site Green=Tags(s) |

MAQALSEEEFQRMQAQLLELRNTNYYQLSDELKNGVELTSLRQKVAYLDKEFSKAQKALSKSKKAQEVEV
LLSENEMLQAKLHSQEEDFRLQNSTLMAEF SKLCSQMEQLEQENQQLKEGAAGAGVAQAGPLVDGELLRL
QAENTALQKNVAALQERYGKEAGKFSAVSEGQGDPPGGPAPTVLAPMLAEVELKWEKKEEKRLLEWQL
QGLESSKQAETSRLQEELAKLSEKLEKKEQESFCRLQTEKETLFNDSRNKIEELQQRKEADHKAQLARTQK
LQQELEAANQSLAELRDQRQGERLEHAAALRALQDQVSIQSADAQEVEGLLAENNALRTSLAAEQIQT
AKTQELNMLREQTTGLAAELQQQAEYEDLMGQKDDLNSQLQESLRANSRLLEQLQEIGQEKEQLTQELQ
EARKSAEKRKAMLDLAME TLQEK SQHKEELGAVRLRHEKEVLGVRARYERELRELHEDKKRQEEELRGQ
IREEKARTRELETLQQTVEELQAQVHSMGAKGWFERRLKEAEE SLQQQQEQEEALKQCREQHAALKG
KEEELQDVRDQLEQAQEERDCHLKTISLQKQEVKDTVDGQRILEKKGSAALKDLKRQLHLERKRADKLQE
RLQDIL TNSKSRSGLEELV LSEMNSPRTQTGDSSSIS SF SYREILREKESAVPARSLSSSPQAQPPRP
AELSD EEEVAELFQRLAETQQEKWMLEEKVKHLEVSSASMAEDLCRKS AIIETYVMSRIDVSV AAGHTDR
SGLGSVLRDLVKPGDENLREMNNK LQNMLEEQ LTKNMHLHKDMEVLSQEIVRLSKECVGPPDPDLEPGET
S

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

| | |
|------------------|--|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |



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RefSeq: [NP_064522](#)

RefSeq Size: 3052

RefSeq ORF: 2523

Synonyms: GRASP-1

Locus ID: 56850

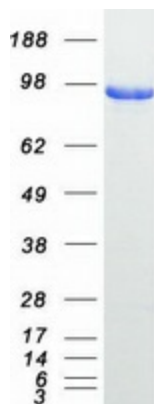
UniProt ID: [Q4V328](#)

Cytogenetics: Xp11.23

Summary: This gene encodes a guanine nucleotide exchange factor for the Ras family of small G proteins (RasGEF). The encoded protein interacts in a complex with glutamate receptor interacting protein 1 (GRIP1) and plays a role in the regulation of AMPA receptor function. [provided by RefSeq, Aug 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified GRIPAP1 protein (Cat# [TP310936]). The protein was produced from HEK293T cells transfected with GRIPAP1 cDNA clone (Cat# [RC210936]) using MegaTran 2.0 (Cat# [TT210002]).