

## Product datasheet for TP310936

### GRASP1 (GRIPAP1) (NM\_020137) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human GRIP1 associated protein 1 (GRIPAP1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210936 protein sequence Red=Cloning site Green=Tags(s)

MAQALSEEEFQRMQAQLLELRTNNYQLSDELKNGVELTSLRQKVAYLDKEFSKAQKALSKSKKAQEVEV  
LLENEMMLQAKLHSQEEDFRLQNSTLMAEFSKLCSQMEQLEQENQQLKEGAAGAGVAQAGPLVDGELLRL  
QAENTALQKNVAALQERYGKEAGKFSVSEGQDPPGGPAPTAPMPLAEVELKWEMEKEEKRLWEQL  
QGLESSKQAETSRLQEELAKLSEKLEKQESFCRLQTEKETLFNDSRNKIEELQQRKEADHKAQLARTQK  
LQQELEAANQSLAELRDQRQGERLEHAAALRALQDQVSIQSADAQEVEGLLAENNALRTSLAALEQIQT  
AKTQELNMLREQTTGLAAELQQQAEYEDLMGQKDDLNSQLQESLRANSRLLQLQEIGQEKEQLTQELQ  
EARKSAEKRKAMLDELAMETLQEKSHKEELGAVRLRHEKEVLGVRARYERELRELHEDKKRQEEELRGQ  
IREEKARTRELETLQQTVEELQAQVHSMGAKGWFERRLKEAEESLQQQQQEVEALKQCREQHAAELKG  
KEEELQDVRDQLEQAQEERDCHLKTISLQEVKDTVDGQRILEKKGSAAKDLKRQLHLERKRADKLQE  
RLQDILTNSKSRSGLEELVLESEMNSPSTQTGDSSSISFSYREILREKESSAVPARSLSSSPQAQPPRP  
AELSDEEVAELFQRLAETQEKWMLKVKHLEVSSASMAEDLCRKSIIETVYVMDSRIDVVAAGHTDR  
SGLGSVLRDLVKPGDENLREMNNKLLQNMLEEQLTKNMHLHKDMEVLSQEIVRLSKECVGPPDPDLEPGET  
S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	95.8 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.



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**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\\_064522](#)

**Locus ID:** 56850

**UniProt ID:** [Q4V328](#)

**RefSeq Size:** 3052

**Cytogenetics:** Xp11.23

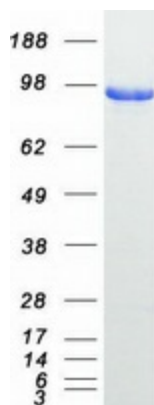
**RefSeq ORF:** 2523

**Synonyms:** GRASP-1

**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]).