

# Product datasheet for TP760689

## ARHGAP22 (NM\_021226) Human Recombinant Protein

### **Product data:**

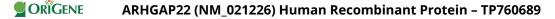
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Rho GTPase activating protein 22 (ARHGAP22), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length ARHGAP22
Tag:	N-His
Predicted MW:	76.6 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
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:	<u>NP 067049</u>
Locus ID:	58504
UniProt ID:	<u>Q7Z5H3</u>
RefSeq Size:	2775
Cytogenetics:	10q11.22-q11.23
RefSeq ORF:	2094
Synonyms:	RhoGAP2; RhoGap22



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Summary:This gene encodes a member of the GTPase activating protein family which activates a<br/>GTPase belonging to the RAS superfamily of small GTP-binding proteins. The encoded protein<br/>is insulin-responsive, is dependent on the kinase Akt and requires the Akt-dependent 14-3-3<br/>binding protein which binds sequentially to two serine residues. The result of these<br/>interactions is regulation of cell motility. Multiple transcript variants encoding different<br/>isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

### **Product images:**

122 — 86 — 67 — 49 — 40 — 30 — 25 — 16 — 12 —

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