

Recombinant Human ARHGEF4 protein, GST-tagged

Cat. No. ARHGEF4-787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ARHGEF4 full-length ORF (AAI60189.1, 1 a.a. - 690 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The protein encoded by this gene may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jun 2013]
Molecular Mass	75.9 kDa
AA Sequence	MPWEEPAGEKPCSCHSQKAFHMEPAQKPCFTTDMVTWALLCISAETVRGEAPSQPRGIPHRSPVSVDDLWLEKTQRKKLQKQAHVERRLHIGAVHKDGVKWCWRKTIITSPESLNLPRRSHPLSQSAPTGLNHMGWPEHTPGTAMPDGDALDTAVCADEVGSEEDLYDDLHSSSHHYSHPGGGGEQLAINELISDGSVCAEALWDHVTMDDQELGFKAGDVIEVMDATNREWWWGRVADGEGWFPASFVRLRVNQDEPADDDAPLAGNSGAEDGGAEAQSSKDQMRTNVINEILSTERDYIKHLRDICEGYVRQCRKRADMFSSEQLRTIFGNIEDIYRCQKAFVKALEQRFNRERPHLSELGACFLEHQADFQIYSEYCNNHPNACVELSLRTLKLSKYVYFFEACRLLQKMIDISLDGFLTPVQKICKYPLQLAELLKYTHPQHRDFKD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VEAALHAMKNVAQLINERKRRLENIDKIAQWQSSIEDWEGEDLLVRSSSELIYSGELTR
VTQPQAKSQQRMFFLFDHQLIYCKKDLLRRDVLYYKGRDMDGLEVVVDLEDGKDRD
LHVSINKNAFRLHRGATGDSHLLCTRKPEQKQRWLKAFAREREQVQLDQETGFSITEL
QRKQAMLNASKQQVTGKPKAVGRPCYLTRQKHPALPSNRPQQQVLVLAEP RRKPS
TFWHSISRLAPFRK

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

ARHGEF4 Rho guanine nucleotide exchange factor (GEF) 4 [Homo sapiens]

Official Symbol

ARHGEF4

Synonyms

ARHGEF4; Rho guanine nucleotide exchange factor (GEF) 4; rho guanine nucleotide exchange factor 4; APC stimulated guanine nucleotide exchange factor; ASEF; KIAA1112; STM6; APC-stimulated guanine nucleotide exchange factor 1; GEF4; ASEF1;

Gene ID

50649

mRNA Refseq

NM_015320

Protein Refseq

NP_056135

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	605216
-----	--------

UniProt ID	Q9NR80
------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA