

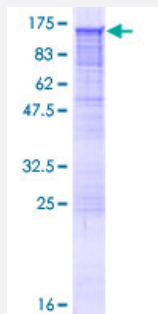
Full-Length

RAPGEF4 (Human) Recombinant Protein (P01)

Catalog # H00011069-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RAPGEF4 full-length ORF (AAH24004.1, 1 a.a. - 1011 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVAHAHAHSSSSAEWIACLDKRPLERSSEDVDIIFTRLKEVKAFEKFHPNLLHQICLCGYENLEK
GTLFRQGDIGTNWYAVLAGSLDVKVSETSSHQDAVTICTLGIGTAFGESILDNTPRHATIVTRESSE
LLRIEQKDFKALWEKYRQYMAGLLAPPYGVMETGSNNDRIPDKENTPLIEPHVPLRPANTITKVPSE
KILRAGKILRNAILSRAPHMIRD RKYHLKTYRQCCVGT ELVDWMMQQTPCVHSRTQAVGMWQVLL
EDGVLNHVDQEHHFQDKYLFYRFLDDEHEDAPLPT EEEKKECDEELQDTMLLLSQMGPDAMHR
MILRKPPGQRTVDDLEIIEELLHIKALSHLSTTVKREL AGVLIFESHAKGGTVLFNQGEETSWYIL
KGSVNVVIYGKGVVCTLHEGDDFGKLALVNDAPRAASVLRDNCHFLRVDKEDFNILRDVEAN
TVRLKEHDQDVLVLEKVPAGNRASNQGNSQPQKQYTVMSGTPEKILEHFLETIRLEATLNEATDS
VLNDFIMMHCVFMPNTQLCPALVAHYHAQPSQGTEQEKM DYALNNKRRVIRLVLQWAAMYGDLL
QEDDVSMAFLEEFYVSVD DARMIAALKEQLPELEKVKQISEDAPQKKHKVLLQQFNTGDER
AQKRQPIRGSDEVLFKVYCMDPTYTTIRVPVATSVKEVISAVADKLGSGEGLIIVKMSSGGEKVVLK
PNDVSVFMTLTINGRLFACPREQFDSLTPLEQE GPTVGTGTGTFELMSSKDLAYQMTIYDWELFN
CVHELELIYHTFGRHNFKKT TANLDLFLRRFNEIQFWV VTEICLCSQLSKRVQLLKKFIKIAAHCKEY
KNLNSFFAIVMGLSNVAVSRLALTWEKLP SKFKKFYAEFESLMDPSRNH RAYRLTVAKLEPPLIPF
MPLLIKDMTFTHEGNKTFIDNLVNF EKMRMIANTARTVRYRSQPFNPDA AQANKNHQDVRSYVR
QLNVIDNQRTL SQMSHRLEPRRP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

141.9

Interspecies Antigen Sequence	Mouse (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — RAPGEF4

Entrez GeneID	11069
GeneBank Accession#	BC024004.2
Protein Accession#	AAH24004.1
Gene Name	RAPGEF4
Gene Alias	CAMP-GEFII, CGEF2, EPAC2, Nbla00496
Gene Description	Rap guanine nucleotide exchange factor (GEF) 4
Omim ID	606058
Gene Ontology	Hyperlink

Other Designations

OTTHUMP00000165043|OTTHUMP00000165045|RAP guanine-nucleotide-exchange factor (G
EF) 4|cAMP-regulated guanine nucleotide exchange factor II|exchange protein directly activated b
y cAMP 2|putative protein product of Nbla00496

Pathway

- [Leukocyte transendothelial migration](#)

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Osteoporosis](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)