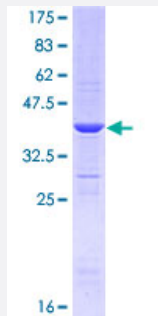


ARHGEF10 (Human) Recombinant Protein (Q01)

Catalog # H00009639-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ARHGEF10 partial ORF (NP_055444, 792 a.a. - 890 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GKQDKSGRPTFFTAVFNTFTPAIKESWVNSLQMAKLALAEENHMGWFCVEDDGNHIKKEKHPLL VGHMPVMVAKQQEFKIECAAYNPEPYLNNESQPDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (80); Rat (81)
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 — ARHGEF10

Entrez GeneID	9639
GeneBank Accession#	NM_014629
Protein Accession#	NP_055444
Gene Name	ARHGEF10
Gene Alias	DKFZp686H0726, GEF10, MGC131664
Gene Description	Rho guanine nucleotide exchange factor (GEF) 10
Omim ID	608136 608236
Gene Ontology	Hyperlink
Gene Summary	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals. [provided by RefSeq]
Other Designations	Rho guanine nucleotide exchange factor 10

Disease

- [Brain Ischemia](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Schizophrenia](#)

- [Stroke](#)
- [Thrombosis](#)
- [Tobacco Use Disorder](#)