

Recombinant Human IQGAP2 protein, GST-tagged

Cat. No. IQGAP2-24H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IQGAP2(343 a.a. - 449 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	343-449 a.a.
Description	This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.51 kDa
AA Sequence	MYQNELFNLQKQNTMNYLAHEELLIIVEMLSAVALLNQALESNDLVSVQNQLRSPAI GLNNLDKAYVERYANTLL SVKLEVLSQGQDNLSWNEIQNCIDMVNAQIQE
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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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.
GENE INFORMATION	
Gene Name	IQGAP2 IQ motif containing GTPase activating protein 2 [Homo sapiens]
Official Symbol	IQGAP2
Synonyms	IQGAP2; IQ motif containing GTPase activating protein 2; ras GTPase-activating-like protein IQGAP2;
Gene ID	10788
mRNA Refseq	NM_006633
Protein Refseq	NP_006624
MIM	605401
UniProt ID	Q13576
Chromosome Location	5q13.3
Pathway	G13 Signaling Pathway, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, conserved biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	GTPase inhibitor activity; Ras GTPase activator activity; actin binding; calmodulin

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binding;

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