Recombinant Human IQGAP3 Protein, GST-tagged

Cat. No. IQGAP3-5060H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IQGAP3 partial ORF (NP_839943, 602 a.a. - 698 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	IQGAP3 (IQ Motif Containing GTPase Activating Protein 3) is a Protein Coding gene. Diseases associated with IQGAP3 include Nut Allergy. Among its related pathways are G-protein signaling RAC1 in cellular process and RHO GTPases activate IQGAPs. GO annotations related to this gene include calmodulin binding and Ras GTPase binding. An important paralog of this gene is IQGAP1.
Molecular Mass	36.41 kDa
AA Sequence	DTNTAQRMALGVAAINQAIKEGKAAQTERVLRNPAVALRGVVPDCANGYQRALESA MAKKQRPADTAFWVQHDMKDGTAYYFHLQTFQGIWEQPPGC
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.

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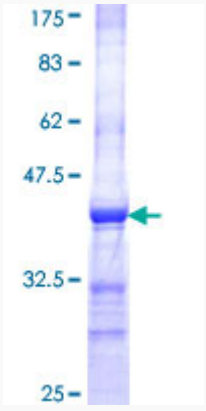
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	IQGAP3 IQ motif containing GTPase activating protein 3 [Homo sapiens]
Official Symbol	IQGAP3
Synonyms	IQGAP3; IQ motif containing GTPase activating protein 3; ras GTPase-activating-like protein IQGAP3; MGC1947; MGC10170; MGC10831;
Gene ID	128239
mRNA Refseq	NM_178229
Protein Refseq	NP_839943
UniProt ID	Q86VI3
Quality Control Testing	

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12.5% SDS-PAGE Stained with Coomassie Blue

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