

Recombinant Human IQGAP3 protein, His-tagged

Cat. No. IQGAP3-2562H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IQGAP3 protein(530-880 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	530-880 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LINEALDKGSPEKTL SALLLPAAGLDDVSLPVAPRYHLLLVAAKRQKAQVTGDPGAVL WLEEIRQGVVRANQDTNTAQRMALGVAAINQAIKEGKAAQTERVLRNPAVALRGVV PDCANGYQRALESAMAKKQCPADTAFWVQHDMKDGTAYYFHLQTFQGIWEQPPG CPLNTSHLTREEIQSAVTKVTAAYDRQQLWKANVGFVIQLQARLRGFLVRQKFAEHS HFLRTWLPVAVIKIAHWRGYRQRKIYLEWLQYFKANLDAIIKIQAWARMWAARRQYL RRLHYFQKNVNSIVKIQAFFRARKAQDDYRILVHAPHPPLSVVRRFAHLLNQSQQDF LAEAELLKLQEE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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