

Recombinant Human IQ motif containing GTPase activating protein 2 Protein, His-tagged

Cat. No. IQGAP2-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IQGAP2 Protein (444-633aa) with C-His-tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	444-633aa
Description	This gene encodes a member of the IQGAP family. The encoded protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. This protein interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. It also acts as a tumor suppressor and has been found to play a role in regulating innate antiviral responses. Alternative splicing results in multiple transcript variants.
Tag	C-His
Molecular Mass	23 kDa
AA Sequence	MNAQIQEENDRVVAVGYINEAIDEGNPLRTLLETLLLPTANISDVDPAAHAQHYQDVLYH AKSQKLGDSESVSKVLWLDEIQQAVDDANVDKDRAKQWVTLVVDVNQCLEGKKSS DILSVLKSSTSNANDIIECADKYYDALVKAKELKSERVSSDGSWLKLNHKKYDYYY

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	NTDSKESSWVTPESCLYKESHHHHHHHH
Endotoxin	< 1 EU/μg by LAL.
Purity	> 90 % by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA
Storage Buffer	Sterile PBS, pH7.4

GENE INFORMATION

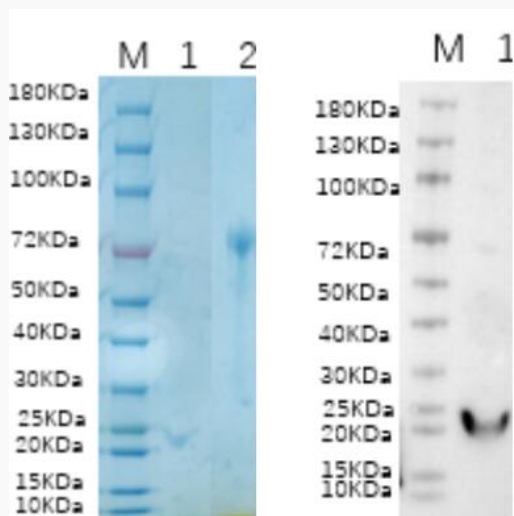
Gene Name	IQGAP2 IQ motif containing GTPase activating protein 2 [Homo sapiens (human)]
Official Symbol	IQGAP2
Synonyms	IQGAP2; IQ motif containing GTPase activating protein 2; ras GTPase-activating-like protein IQGAP2
Gene ID	10788
mRNA Refseq	NM_006633
Protein Refseq	NP_006624
MIM	605401
UniProt ID	Q13576

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Reducing 4 %-20 %
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
IQGAP2.



1. IQGAP2
2. BSA

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