

Recombinant Full Length Human IQSEC1 Protein, GST-tagged

Cat. No. IQSEC1-5719HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human IQSEC1 full-length ORF (AAH10267.1, 1 a.a. - 814 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	814 amino acids
Description	IQSEC1 (IQ Motif And Sec7 Domain 1) is a Protein Coding gene. Among its related pathways are Arf6 signaling events and EGF/EGFR Signaling Pathway. GO annotations related to this gene include lipid binding and ARF guanyl-nucleotide exchange factor activity. An important paralog of this gene is IQSEC2.
Molecular Mass	118.4 kDa
AA Sequence	MLERKYGGRLVTRHAARTIQTAFRQYQMKNFERLRSSMSSENMSRRIVLSNMRM QFSFEGPEKVHSSYFEGKQVSVTNDGSQLGALVSPECGLSEPTTLKSPAPSSDFA DAITELEDAFSRQVKSLAESIDDALNCRSLHTEEAPALDAARARDTEPQTALHGMDH RKLDENTASYSDVTLYIDEEELSPPLPLSQAGDRPSSTESDLRLRAGGAAPDYWALA HKEDKADTDTSRSTPSLERQEQRRLRVEHLPLLTIEPPSDSSVDLSDRSERGSLKRQ SAYERSLGGQQGSPKHGPHSGAPKSLPREPELRPRPPRPLDSHLAINGSANRQS KESDYSDDGNDNSINSTSNSNDTINCSSSESSSRDSLREQTLQKQTYHKEARNSWDS PAFSNDVIRKRHYRIGLNLFNKKPEKGVQYLIERGFPDTPVGVAFLLQRKGLSRQ MIGEFLGNRQKQFNRDVLDVDEMDFSTMELDEALRKFQAHIRVQGEAQKVERLI

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EAFSQRYSICNPGVVRQFRNPDTIFILAFAILLNTDMYSPNVKPERKMKLEDFIKNLR
 GVDDGEDIPREMLMGIYERIRKRELKTNEDHVSQVQKVEKLIVGKKPIGSLHPGLGC
 VLSLPHRRLVCYCRLFEPDPNKPQKLGLHQREIFLNDLLVVTKIFQKKKNSVTYSF
 RQSFSLYGMQVLLFENQYYPNGIRLTSSVPGADIKVLINFNAPNPQDRKKFTDDLRE
 SIAEVQEMEKHRIESELEKQKGVVRPSMSQCSSLKKESGNGTLSRACLDDSYASGE
 GLKRSALSSSLRDLSEAGVHH

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.

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

[IQSEC1 IQ motif and Sec7 domain 1 \[Homo sapiens \]](#)

Official Symbol

[IQSEC1](#)

Synonyms

BRAG2; GEP100; ARFGEP100; ARF-GEP100; IQSEC1; IQ motif and Sec7 domain 1

Gene ID

[9922](#)

mRNA Refseq

[NM_014869](#)

Protein Refseq

[NP_055684](#)

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MIM	610166
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UniProt ID	Q6DN90
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