

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 RKLDENTASYSDVTLYIDEEELSPPLPLSQAGDRPSSSTESDLRLRAGGAAPDYWALA HKEDKADTDTSRSTPSLERQEQRRLRVEHLPLLTIEPPSDSSVDLSDRSERGSLKRQ SAYERSLGGQQGSPKHGPHSGAPKSLPREPELRPRPPRPLDShLAINGSANRQS KESDYSDDGNDNSINSTSNNDTINCSSSESSSRDSLREQTLKQTYHKEARNSWDS PAFSNDVIRKRHYRIGLNLFNKKPEKGVQYLIERGFVPDTPVGVVAHFLLQRKGLSRQ MIGEF LGNRQKQFN RDVLD CVVDEMDFSTMELDEALRK FQAHIRVQGEAQKVERLI

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EAFSQRYCICNPGVVRQFRNPDTIFILAFAILLNTDMYSPNVKPERKMKLEDFIKNLR
 GVDDGEDIPREMLMGIYERIRKRELKTNEDHVSQVQKVEKLIVGKKPIGSLHPGLGC
 VLSPHRRLVCYCRLFVDPNKPQKLGLHQREIFLFDLLVVTKIFQKKKNSVTYSF
 RQSFSLYGMQVLLFENQYYPNGIRLTSSVPGADIKVLINFNAPNPQDRKKFTDDLRE
 SIAEVQEMEKHRIESELEKQKGVVRPMSQCSSLKKESGNGTLSRACLDDSYASGE
 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
UniProt ID	Q6DN90

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