

Recombinant Human IQSEC1 Protein, GST-tagged

Cat. No. IQSEC1-5059H **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	Wheat Germ
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	MLERKYGGRLVTRHAARTIQTAFRQYQMKNFERLRSSMSSENRMSSRRIVLSNMRM QFSFEGPEKVHSSYFEGKQVSVTNDGSQLGALVSPECGLSEPTTLKSPAPSSDFA DAITELEDAFSRQVKSLAESIDDALNCRSLHTEEAPALDAARARDTEPQTALHGMDH RKLDEMTASYSVTLTYIDEEELSPPLPLSQAGDRPSSTESDLRLRAGGAAPDYWALA HKEDKADTDTSRSTPSLERQEQLRVEHLPLLTIEPPSDSSVDLSDRSERGSLKRQ SAYERSLGGQQGSPKHGPHSGAPKSLPREPELPRPPRPLDSHLAINGSANRQS KSESDYSDGDNDNSINSTSNSNDTINCSSSESSSRDSLREQTLQTYHKEARNSWDS PAFSNDVIRKRHYRIGLNLFNKKPEKGVQYLIERGFPDTPVGVAHFLLQRKGLSRQ MIGEFLGNRQKQFNRDVLDQVDEMDFSTMEALRKFQAHIRVQGEAQKVERLI EAFSQRYCICNPGVVRQFRNPDTIFILAFAILLNTDMYSPNVKPERKMKLEDFIKNLR

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GVDDGEDIPREMLMGIYERIRKRELKTNEDHVSQVQKVEKLIVGKKPIGSLHPGLGC
 VLSLPHRRLVCYCRLFEVPDPNKPQKLGLHQREIFLNDLLVVTKIFQKKKNSVTYSF
 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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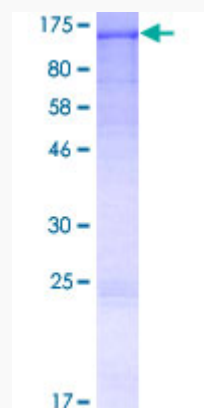
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MIM 610166

UniProt ID Q6DN90

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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