

# Recombinant Human IQSEC1, His-tagged

**Cat. No.** IQSEC1-149H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IQSEC1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | C-term-350aa                                                                                                                                                         |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IQSEC1?IQ motif and Sec7 domain 1 [?Homo sapiens?(human) ]                                                                                                                                                                                                                                                                   |
| <b>Official Symbol</b> | IQSEC1                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | IQSEC1; BRAG2; GEP100; ARFGEP100; ARF-GEP100; IQ motif and Sec7 domain 1; IQ motif and SEC7 domain-containing protein 1; brefeldin A-resistant ARF-GEF2; brefeldin-resistant Arf-GEF 2 protein; ADP-ribosylation factors guanine nucleotide-exchange protein 2; ADP-ribosylation factors guanine nucleotide-exchange protein |

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|                     |                                                                      |
|---------------------|----------------------------------------------------------------------|
|                     | 100                                                                  |
| Gene ID             | 9922                                                                 |
| mRNA Refseq         | NM_014869                                                            |
| Protein Refseq      | NP_055684                                                            |
| MIM                 | 610166                                                               |
| UniProt ID          | Q6DN90                                                               |
| Chromosome Location | 3p25.2                                                               |
| Pathway             | Arf6 signaling events; Endocytosis                                   |
| Function            | ARF guanyl-nucleotide exchange factor activity; phospholipid binding |

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