

# Recombinant Human ERAL1 protein, GST-tagged

**Cat. No.** ERAL1-8443H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ERAL1 protein(138-437 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 138-437 aa                                                                                                                                                                                                                                                                   |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                               |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                     |

## GENE INFORMATION

|                        |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">ERAL1</a>                                                                                                                                              |
| <b>Synonyms</b>        | ERAL1; Era G-protein-like 1 (E. coli); Era (E. coli G protein homolog) like 1; GTPase Era, mitochondrial; HERA B; CEGA; hERA; ERA-W; ERA-like protein 1; conserved |

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ERA-like GTPase; GTP-binding protein era homolog; era (E. coli G-protein homolog)-like 1; GTPase, human homolog of E. coli essential cell cycle protein Era; ERA; H-ERA; ERAL1A; HERA-A; HERA-B;

**Gene ID** [26284](#)

**mRNA Refseq** [NM\\_005702](#)

**Protein Refseq** [NP\\_005693](#)

**MIM** [607435](#)

**UniProt ID** [O75616](#)

**SDS-PAGE**

