# Recombinant Human ERGIC3 protein, His-tagged

**Cat. No.** ERGIC3-3560H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human ERGIC3 protein(44-383 aa), fused to His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 44-383 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AA Sequence** | SELQYYLTTEVHPELYVDKSRGDKLKINIDVLFPHMPCAYLSIDAMDVAGEQQLDVE HNLFKQRLDKDGIPVSSEAERHELGKVEVTVFDPDSLDPDRCESCYGAEAEDIKCC NTCEDVREAYRRRGWAFKNPDTIEQCRREGFSQKMQEQKNEGCQVYGFLEVNKV AGNFHFAPGKSFQQSHVHVHDLQSFGLDNINMTHYIQHLSFGEDYPGIVNPLDHTN VTAPQASMMFQYFVKVVPTVYMKVDGEVLRTNQFSVTRHEKVANGLLGDQGLPGV FVLYELSPMMVKLTEKHRSFTHFLTGVCAIIGGMFTVAGLIDSLIYHSARAIQKKIDLG KTT |
| **Purity** | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer |

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| | containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage. |

## GENE INFORMATION

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| **Gene Name** | ERGIC3 ERGIC and golgi 3 [ Homo sapiens ] |
| **Official Symbol** | ERGIC3 |
| **Synonyms** | ERGIC3; ERGIC and golgi 3; C20orf47, chromosome 20 open reading frame 47 , SDBCAG84, serologically defined breast cancer antigen 84; endoplasmic reticulum-Golgi intermediate compartment protein 3; CGI 54; Erv46; NY BR 84; PRO0989; endoplasmic reticulum-localized protein ERp43; serologically defined breast cancer antigen 84; serologically defined breast cancer antigen NY-BR-84; CGI-54; C20orf47; NY-BR-84; SDBCAG84; dJ477O4.2; |
| **Gene ID** | 51614 |
| **mRNA Refseq** | NM_015966 |
| **Protein Refseq** | NP_057050 |
| **UniProt ID** | Q9Y282 |

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