

## Recombinant Human RHO protein, His-tagged

**Cat. No.** RHO-31H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RHO protein(Met1~Asn73), fused with N-terminal His tag, was expressed in E. coli.        |
| <b>Species</b>          | Human                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                     |
| <b>ProteinLength</b>    | Met1~Asn73                                                                                                 |
| <b>Form</b>             | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.        |
| <b>Molecular Mass</b>   | 14kDa                                                                                                      |
| <b>Endotoxin</b>        | <1.0EU per 1µg (determined by the LAL method)                                                              |
| <b>Purity</b>           | > 95%                                                                                                      |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Reconstitution</b>   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.          |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RHO rhodopsin [ Homo sapiens (human) ]                                               |
| <b>Official Symbol</b> | RHO                                                                                  |
| <b>Synonyms</b>        | RP4; OPN2; CSNBAD1; RHO                                                              |
| <b>Gene ID</b>         | 6010                                                                                 |
| <b>mRNA Refseq</b>     | NM_000539                                                                            |
| <b>Protein Refseq</b>  | NP_000530                                                                            |
| <b>MIM</b>             | 180380                                                                               |
| <b>UniProt ID</b>      | P08100                                                                               |
| <b>SDS-PAGE</b>        |  |