

## Recombinant Human GALE protein, His-SUMO-tagged

Cat. No. GALE-4370H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human GALE protein(Q14376)(1-348aa), fused to N-terminal His-SUMO tag, was expressed in E. coli   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 1-348aa   |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.   |
| <b>Molecular Mass</b>   | 54.3 kDa  |
| <b>AA Sequence</b>      | MAEKVLVTGGAGYIGSHTVLELLEAGYLPVVIDNFHNAFRGGGSLPESLRRVQELTG<br>RSVEFEEMDILDQGALQRLFKKYSFMAVIHFAGLKAVGESVQKPLDYRVNLTGTIQ<br>LLEIMKAHGVKNLVFSSSATVYGNPQYLPLDEAHPTGGCTNPYGKSKFFIEEMIRDL<br>CQADKTWNAVLLRYFNPTGAHASGCIGEDPQGIPNNLMPYVSQVAIGRREALNVFG<br>NDYDTEDEGTGVRDYIHVVDLAKGHIAALRKLKEQCGCRIYNLGTGTGYSVLQMVQA<br>MEKASGKKIPYKVVARRREGDVAACYANPSLAQEELGWTAALGLDRMCEDLWRWQ<br>KQNPSGFGTQA |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [GALE UDP-galactose-4-epimerase \[ Homo sapiens \]](#)

**Official Symbol** [GALE](#)

**Synonyms** GALE; UDP-galactose-4-epimerase; galactose 4 epimerase, UDP; UDP-glucose 4-epimerase; SDR1E1; short chain dehydrogenase/reductase family 1E; member 1; UDP glucose 4 epimerase; galactowaldenase; UDP-galactose 4-epimerase; UDP galactose-4-epimerase; galactose-4-epimerase, UDP-; short chain dehydrogenase/reductase family 1E, member 1; FLJ95174; FLJ97302;

**Gene ID** [2582](#)

**mRNA Refseq** [NM\\_000403](#)

**Protein Refseq** [NP\\_000394](#)

**MIM** [606953](#)

**UniProt ID** [Q14376](#)

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