

## Recombinant Human GALE protein, His-tagged

Cat. No. GALE-330H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GALE protein(Q14376)(Met1-Ala348), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Ala348
<b>Form</b>	Lyophilized from sterile 20mM HEPES, 150mM NaCl, 10% Glycerol, pH 7.5. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human GALE consists of 363 amino acids and predicts a molecular mass of 40.1 KDa. It migrates as an approximately 36 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## 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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