

Recombinant Human GALE protein, His-SUMO-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GALE protein(Q14376)(1-348aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-348aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	54.3 kDa
AA Sequence	MAEKVLVTGGAGYIGSHTVLELLEAGYLPVVIDNFHNAFRGGGSLPESLRRVQELTG RSVEFEEMDILDQGALQRLFKKYSFMAVIHFAGLKAVGESVQKPLDYRVNLTGTIQ LLEIMKAHGVKNLVFSSSATVYGNPQYLPLDEAHPTGGCTNPYGKSKFFIEEMIRDL CQADKTWNAVLLRYFNPTGAHASGCIGEDPQGIPNNLMPYVSQVAIGRREALNVFG NDYDTEDGTGVRDYYHVVDLAKGHIAALRKLKEQCGCRIYNLGTGTGYSVLQMVQA MEKASGKKIPYKVVARREGDVAACYANPSLAQEELGWTAALGLDRMCEDLWRWQ KQNP SGFGTQA
Purity	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