

RPPB1667

Product Information Protein Information

Product SKU:

RPPB1667

Accession:

Q14376

Host:

Escherichia Coli.

Protein description:

GALE Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 368 amino acids (1-348 a.a.) and having a molecular mass of 40.4 kDa. The GALE is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

UDP-glucose 4-epimerase, EC=5.1.3.2, Galactowaldenase, UDP-galactose 4 epimerase, GALE, SDR1E1, FLJ95174, FLJ97302.

Formulation:

GALE Human solution containing 20mM Tris pH-8, 5mM DTT, 0.1M NaCl, 1mM EDTA & 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MAEKVLTGG AGYIGSHTVL ELLEAGYLPV VIDNFHNAFR GGGSLPESLR
RVQELTGRSV EFEEMDILDQ GALQRLFKEY SFMAVIHFAG LKAVGESVQK PLDYRVNLT GTIQLLEIMK
AHGVKNLVFS SSATVYGNPQ YLPLDEAHPT GGCTNPYGKS KFFIEEMIRD LCQADKTWNA VLLRYFNPTG
AHASGCIGED PQGIPNNLMP YVSQVAIGRR EALNVFGNDY DTEDGTGVRD YIHVVDLAKG HIAALRKLKE
QCGCRIYNLG TGTGYSVLQM VQAMEKASGK KIPYKVARR EGDVAACYAN PSLAQEELGW TAALGLDRMC
EDLWRWQKQN PSGFGTQA.