

Human LGALS8 Recombinant Protein



RPPB0288

Product Information Protein Information

Product SKU:

RPPB0288

Accession:

O00214

Host:

Escherichia Coli.

Protein description:

LGALS8 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 337 amino acids (1-317 a.a.) and having a molecular mass of 37.9 kDa. The LGALS8 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Gal-8, PCTA1, Po66-CBP, Prostate carcinoma tumor antigen 1.

Formulation:

The Galectin-8 His tag 0.5mg/ml protein solution contains 20mM Tris-HCl pH-8, 0.1M NaCl, 10% glycerol & 1mM DTT.

Purity:

Greater than 90.0% 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 MMLSLNNLQN IYNPVIPIV GTIPDQLDPG TLIVIRGHVP SDADRFQVDL
QNGSSMKPRA DVAHFHNPFR KRAGCIVCNT LINEKWGREE ITYDTPFKRE KSFEIVIMVL KDKFQVAVNG
KHTLLYGHRI GPEKIDTLGI YGKVNIHSIG FSFSSDLQST QASSLELTI SRENVPKSGT PQLRLPFAAR
LNTPMGPGRT VVKGEVNAN AKSFNVDLLA GKSKDIALHL NPRLNIKAFV RNSFLQESWG EEERNITSFP
FSPGMYFEMI IYCDVREFKV AVNGVHSLEY KHRFKELSSI DTLEINGDIH LLEVRWS.

Biological Activity:

The ED50 for this effect is 5–10ug/ml. Measured by its ability to agglutinate human red blood cells corresponding to a specific activity of 100-200IU/mg.