

## LGALS8 Human, His

**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.

**Catalog #:** CYPs-734

For research use only.

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

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHH SSGLVPRGSH MMLSLNNLQN IYNPVIPIFV  
GTIPDQLDPG TLIVIRGHVP SDADRFQVDL QNGSSMKPRA DVAHFHNPFR KAGCIVCNT  
LINEKWGREE ITYDTPFKRE KSFEIVIMVL KDKFQVAVNG KHTLLYGHRI GPEKIDTLGI  
YGKVNHSIG FSFSSDLQST QASSLELTEI SRENVKSGT PQLRLPFAAR LNTPMGPGR  
T VVVKGVEVNAK

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

**Formulation:**

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

**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.

**Usage:**

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

LGALS8 is a prostate-specific antigen that is solely overexpressed in malignant tumors and thus is a supplementary specific identifier of malignancies. LGALS8 is part of the galectin gene family which facilitates both cell-cell and cell matrix interactions in a method parallel to the selectin subgroup of C-type lectins.

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