

## Galectin-8 Human Recombinant, His Tag

<b>Item Number</b>	rAP-2260
<b>Synonyms</b>	Gal-8, PCTA1, Po66-CBP, Prostate carcinoma tumor antigen 1.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	O00214
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MMLSLNQLQN IYNPVIPIFV GTIPDQLDPG TLVIRGHVP SDA-DRFQVDL QNGSSMKPRA DVAHFHNPFR KRAKIVCNT LINEKVGREE ITYDTPFKRE KSFEIVIMVL KDKFQVAVNG KHTLLYGHRI GPEKIDTLGI YGKVNHSIG FGFSSDLQST QASSLELLEI SRENVPKSGT PQLRLPFAAR LNTPMGPGRT VVKGEVNNAN AKSFNVDLLA GKSKDIALHL NPRLNIKAFV RNS-FLQESWG EEERNITSFP FSPGMYFEMI IYCDVREFKV AVNGVHSLEY KHRFKELSSI DTLEINGDIH LLEVRWS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The Galectin-8 His tag 0.5mg/ml protein solution contains 20mM Tris-HCl pH-8, 0.1M NaCl, 10% glycerol & 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	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.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**