9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LGALS8 Human, His

Galectin-8 Human Recombinant, His Tag
GRF0244

Product Overview

Name	LGALS8 Human, His
Description	
Galectin-8 Human Recombinant, His Tag	
Accession (Primary)	O00214
Synonyms	
Gal-8, PCTA1, Po66-CBP, Prostate carcinoma tumor antigen 1.	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MMLSLNNLQN IIYNPVIPFV GTIPDQLDPG TLIVIRGHVP SDADRFQVDL QNGSSMKPRA DVAFHFNPRF KRAGCIVCNT LINEKWGREE ITYDTPFKRE KSFEIVIMVL KDKFQVAVNG KHTLLYGHRI GPEKIDTLGI YGKVNIHSIG FSFSSDLQST QASSLELTEI SRENVPKSGT PQLRLPFAAR LNTPMGPGRT VVVKGEVNAN AKSFNVDLLA GKSKDIALHL NPRLNIKAFV RNSFLQESWG EEERNITSFP FSPGMYFEMI IYCDVREFKV AVNGVHSLEY KHRFKELSSI DTLEINGDIH LLEVRSW.	
Biological Activity	

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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.

Precautions

LGALS8 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O00214)