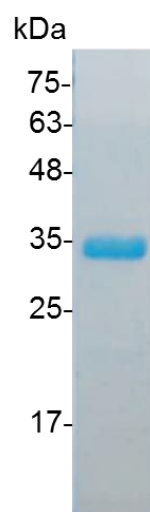


PRODUCT INFORMATION

Galectin-8, Human

v. 231001

Catalog number	C01161-5UG / C01161-20UG / C01161-100UG
Package	5 µg / 20 µg / 100 µg
Description	LGALS8, a member of the galectin gene family, is identified to specifically express in prostate, and is especially overexpressed in malignant tumors, thereby can be used as an extra specific identifier of malignancies. The gene encoded protein facilitates both cell-cell and cell matrix interactions in a method parallel to the selectin subgroup of C-type lectins.
Source	<i>Escherichia coli</i>
Sequence	<p> MLSLNNLQNIINYNPVIFVGTIPDQLDPGTLIVIRGHVPSDADRFQVDLQNGSSM KPRADVAFHFNPRFKRAGCIVCNTLINEKWGREEITYDTPFKREKSFEIVIMVLK DKFQVAVNGKHTLLYGHRIGPEKIDTLGIYGKVNIHSIGFSFSSDLQSTQASSLEL TEISRENVPKSGTPQLRLPFAARLNTPMGPGRTVVVKGEVNANAKSFNVDLLA GKSKDIALHLNPRLNIAFVRNSFLQESWGEEERNITSFPFSPGMYFEMIIYCDV REFQVAVNGVHSLEYKHRFKELSSIDTLEINGDIHLLEVRWS with polyhistidine tag at the N-terminus </p>
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measured by its ability to agglutinate human red blood cells. The ED ₅₀ for this effect is <8 µg/mL.
Purity	>98% as determined by SDS-PAGE.
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Stability & Storage	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant human Galectin-8

For research use only.