

Galectin-10/Gal-10/LGALS10, Human, Recombinant

货号：PCK301

产品信息

别名	GAL10, Gal-10, LGALS10, LGALS10A, LPPL_HUMAN
物种	Human
表达宿主	E.coli
序列信息	SLLPVPYTEAASLSTGSTVTIKGRPLACFLNEPYLQVDFHTEMKEESDIVFHFQVCFGRRVVMNSREYGAWKQQVESKNMPFQDGQEFELSISVLPDKYQVMVNGQSSYTFDHRIKPEAVKMQVWRDISLTKFNVSYLKR with polyhistidine tag at the N-terminus.
检索号	Q05315.3
分子量	16.31 kDa
标签	His-tag at the N-terminus

产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g.0.1%BSA,10%FBS,5%HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

Galectin-10 (also called Charcot-Leyden Crystal protein) is a 16 kDa member of the galectin family of β -Galactoside binding proteins that bind to S-type animal lectins, is expressed solely in eosinophilic and basophilic leukocytes. This protein regulates immune responses through the recognition of cell-surface glycans. Essential for the energy and suppressive function of CD25-positive regulatory T-cells.

SDS-PAGE

