

Recombinant Human Galectin-4 protein(His Tag)

Catalog Number: PKSH034184

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species	Human
Source	E.coli-derived Human Galectin-4 protein Ala 2-Ile 323, with an N-terminal His
Calculated MW	36.8 kDa
Observed MW	37 kDa
Accession	P56470
Bio-activity	Measured by its ability to agglutinate human red blood cells. The ED ₅₀ for this effect is <8 µg/mL.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions.