Recombinant LEG9C protein (His tag)

Catalog Number	545190
Synonyms	Gal-9C; Galectin-9-like protein B
Species	Human
Expression System	E. coli
Accession	Q6DKI2
Molecular Weight	Predictes a molecular mass of 18.18 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 18 kDa band.

Product Information

Sequence Region	1-149
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>88%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 1-149 aa (Q6DKI2) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human Galectin-9C (Gal-9C) Fragment (1-149) is a high-purity protein designed for functional studies. This fragment fully encompasses the Galectin 1 domain, making it an ideal tool for investigating galactoside-binding activity and domain-specific interactions in a controlled experimental context. Galectin-9C (Galectin-9-like protein B), encoded by the LGALS9C gene in Homo sapiens, functions as a galactoside-binding protein. This binding capability is central to its biological roles, potentially involving cell adhesion, signaling, or immune modulation. The recombinant fragment (amino acids 1-149) isolates the functional Galectin 1 domain, enabling focused research on its carbohydrate recognition properties without interference from other regions of the full-length protein.