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Datasheet for ABIN5608370
GAL4 Protein (partial) (His tag)

Overview

Quantity:	100 µg
Target:	GAL4 (LGALS4)
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAL4 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Sequence:	Met 1 - Ile 323
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.

Target Details

Target:	GAL4 (LGALS4)
Alternative Name:	Galectin-4 (LGALS4 Products)
Background:	Galectin-4 (Gal-4), also known as L36LBP (L-36 lactose-binding protein). The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-4 expression is concentrated within microvilli in the gastrointestinal epithelium, where it can interact with CD3 and bind activated T cells in the lamina propria during

Target Details

intestinal inflammation. LGALS4 is an S-type lectin that is strongly underexpressed in colorectal cancer.

Molecular Weight: 38.1 kDa

Gene ID: 3960

NCBI Accession: [NP_006140](#)

Application Details

Application Notes: This recombinant protein can be used for WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM HEPES, 150 mM NaCl, pH 7.4

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C, -80 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.