abcam

Product datasheet

Recombinant Human COLEC11 protein ab163951

1 Image

Description

Product name	Recombinant Human COLEC11 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MRGNLALVGVLISLAFLSLLPSGHPQPAGDDACSVQILVP GLKGDAGEKG DKGAPGRPGRVGPTGEKGDMGDKGQKGSVGRHGKIGPI GSKGEKGDSGDI GPPGPNGEPGLPCECSQLRKAIGEMDNQVSQLTSELKFI KNAVAGVRETE SKIYLLVKEEKRYADAQLSCQGRGGTLSMPKDEAANGLM AAYLAQAGLAR VFIGINDLEKEGAFVYSDHSPMRTFNKWRSGEPNNAYDEE DCVEMVASGG WNDVACHTTMYFMCEFDKENM
Amino acids	1 to 271
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab163951** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	

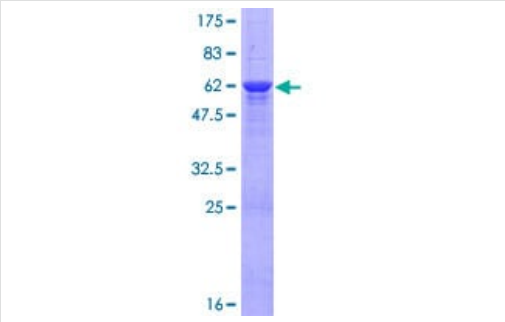
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Lectin that binds to various sugars including fucose and mannose. Has a higher affinity for fucose compared to mannose. Does not bind to glucose, N-acetylglucosamine and N-acetylgalactosamine. Also binds lipopolysaccharides (LPS). Involved in fundamental development serving as a guidance cue for neural crest cell migration.
Tissue specificity	Ubiquitous.
Involvement in disease	Defects in COLEC11 are the cause of 3MC syndrome type 2 (3MC2) [MIM:265050]. 3MC2 is an a disorder characterized by facial dysmorphism that includes hypertelorism, blepharophimosis, blepharoptosis and highly archedDE eyebrows, cleft lip and/or palate, craniosynostosis, learning disability and genital, limb and vesicorenal anomalies. The term 3MC syndrome includes Carnevale, Mingarelli, Malpuech, and Michels syndromes.
Sequence similarities	Belongs to the COLEC10/COLEC11 family. Contains 1 C-type lectin domain. Contains 1 collagen-like domain.
Cellular localization	Secreted.

Images



SDS-PAGE - Recombinant Human COLEC11 protein (ab163951)

ab163951 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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