

Datasheet for ABIN2731468 **CLEC11A Protein**



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Overview

Quantity:	10 µg
Target:	CLEC11A
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Antibody Production (AbP), Functional Studies (Func), Protein Interaction (PI), Standard (STD)

Product Details

Specificity:	Optimal preservation of protein structure, post-translational modifications and functions.
Characteristics:	<ul style="list-style-type: none">• Recombinant human SCGF / CLEC11A protein expressed in E. coli.• Produced with end-sequenced ORF clone• Tested for bioactivity.
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	Endotoxin level is <0.1 ng/µg of protein (<1EU/µg).
Biological Activity Comment:	Determined by its inhibitory effect on the proliferation of TF-1 cells previously grown in media containing GM-CSF. ED50 for this effect was observed at 7 ng/ml.

Target Details

Target:	CLEC11A
Alternative Name:	Scgf,clec11a (CLEC11A Products)

Target Details

Background:	This gene encodes a member of the C-type lectin superfamily. The encoded protein is a secreted sulfated glycoprotein and functions as a growth factor for primitive hematopoietic progenitor cells. An alternative splice variant has been described but its biological nature has not been determined.
Molecular Weight:	25 kDa
NCBI Accession:	NP_002966

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays Protein-protein interaction In vitro biochemical assays and cell-based functional assays
Restrictions:	For Research Use only

Handling

Buffer:	Lyophilized from a 0.2 µM filtered solution of 20 mM phosphate buffer, 100 mM NaCl, pH 7.2
Handling Advice:	Resuspend the protein in the desired concentration in proper buffer
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.