

Product datasheet

Recombinant human LIGHT/TNFSF14 protein (Active)
ab271588

2 Images

Description

Product name	Recombinant human LIGHT/TNFSF14 protein (Active)	
Purity	>= 90 % SDS-PAGE.	
Expression system	HEK 293T cells	
Accession	O43557	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	DGPAGSWEQL IQERRSHEVN PAAHLTGANS SLTGSGGPLL WETQLGLAFL RGLSYHDGAL VVTKAGYIYI YSKVQLGGVG CPLGLASTIT HGLYKRTPRY PEELELLV	
Predicted molecular weight	21 kDa including tags	
Molecular weight information	Protein runs at higher than predicted MW on SDS-PAGE due to glycosylation.	
Amino acids	74 to 240	
Tags	His tag N-Terminus	
Additional sequence information	Genbank: NM_003807	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271588** in the following tested applications.

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

Applications	SDS-PAGE
	Functional Studies

Form	Liquid
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Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Preservative: 0.95% Imidazole

Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine), 0.05% (R*,R*)-1,4-Dimercaptobutan-2,3-diol

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates NFκB, stimulates the proliferation of T-cells, and inhibits growth of the adenocarcinoma HT-29. Acts as a receptor for Herpes simplex virus.

Tissue specificity

Predominantly expressed in the spleen but also found in the brain. Weakly expressed in peripheral lymphoid tissues and in heart, placenta, liver, lung, appendix, and kidney, and no expression seen in fetal tissues, endocrine glands, or nonhematopoietic tumor lines.

Sequence similarities

Belongs to the tumor necrosis factor family.

Post-translational modifications

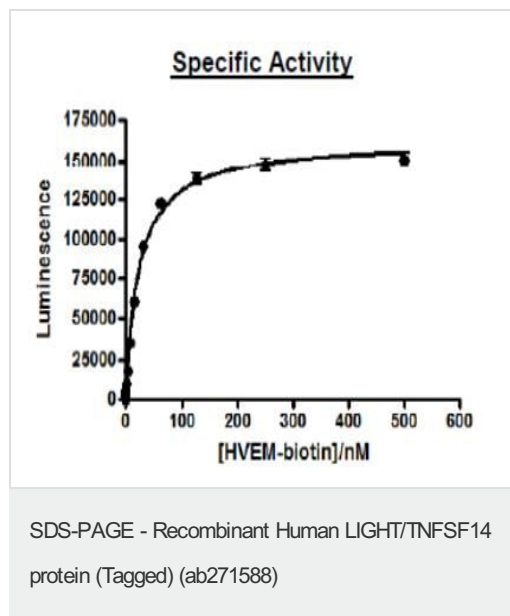
N-glycosylated.

The soluble form of isoform 1 derives from the membrane form by proteolytic processing.

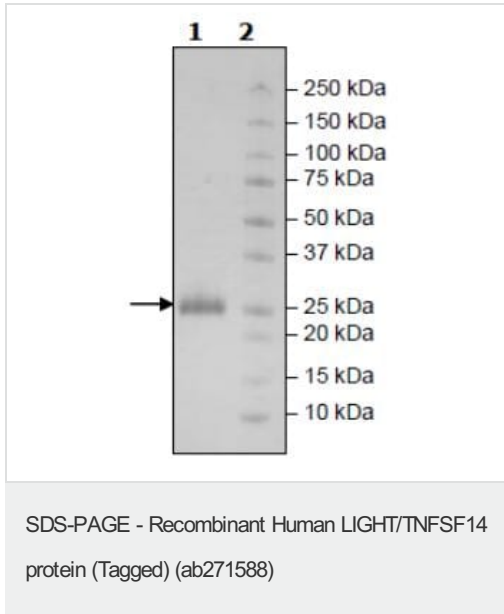
Cellular localization

Cytoplasm; Secreted and Cell membrane.

Images



Functional analysis of ab271588.



SDS-PAGE analysis of ab271588.

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

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