

Product datasheet

Recombinant Human LIMPII protein ab152019

Description

Product name	Recombinant Human LIMPII protein	
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	HEK 293 cells	
Accession	<u>Q14108</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	RVFQKAVDQSIIEKKIVLRNGTEAFDSWEKPPLPVYTFQFYF FNVTNPEEIL RGETPRVEEVGPYTYRELRNKANIQFGDNGTTISAVSNKAY VFERDQSVG DPKIDLIRTLNIPVLTVIEWSQVHFLREIEAMLKAYQQKLFVT HTVDEL LWGYKDEILSLIHVFRPDISPYFGLFYEKNGTNDGDYVFLTG EDSYLNFT KIVEWNGKTSLDWWITDKCNMINGTDGDSFHPLITKDEVLY VFPSDFCRS VYTFSDYESVQGLPAFRYKVP AEILANTSDNAGFCIPEGN CLGSGVLNV SICKNGAPIIMSFPHFYQADERFVSAIEGMHPNQEDHETFV DINPLTGII LKAAKRFQINIVKKLDDFVETGDIRTMVFPVMYLNESVHID KETASRLK SMINTTLDHHHHHH	
Predicted molecular weight	48 kDa including tags	
Amino acids	27 to 432	
Tags	His tag C-Terminus	

Specifications

Our **Abpromise guarantee** covers the use of **ab152019** 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 HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. pH: 7.4 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C.

General Info

Function	Acts as a lysosomal receptor for glucosylceramidase (GBA) targeting. (Microbial infection) Acts as a receptor for enterovirus 71.
Involvement in disease	Epilepsy, progressive myoclonic 4, with or without renal failure Genetic variants in SCARB2 can act as modifier of the phenotypic expression and severity of Gaucher disease.
Sequence similarities	Belongs to the CD36 family.
Cellular localization	Lysosome membrane.

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