

Product datasheet

Recombinant Human C8G protein ab113121

1 Image

Description

Product name	Recombinant Human C8G protein	
Purity	> 95 % SDS-PAGE. ab113121 was purified using conventional chromatography.	
Expression system	Escherichia coli	
Accession	P07360	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMQKPQRPRRPASPISTI QPKANFDAQQFAG TWLLVAVGSACRFLQEQGHRAEATTLHVAPQGTAMA VSTFRKLDGICWQV RQLYGDTGVLGRFLLQARGARGAVHVVVAETDYQSFA VLYLERAGQLSVK LYARSLPVSDSVLSGFEQRVQEHLTEDQIFYFPKYGF CEAADQFHVLDVRR	
Predicted molecular weight	23 kDa including tags	
Amino acids	21 to 202	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab113121** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol, 0.03% DTT, 0.88% Sodium chloride

General Info**Function**

C8 is a constituent of the membrane attack complex. C8 binds to the C5B-7 complex, forming the C5B-8 complex. C5-B8 binds C9 and acts as a catalyst in the polymerization of C9. The gamma subunit seems to be able to bind retinol.

Sequence similarities

Belongs to the calycin superfamily. Lipocalin family.

Cellular localization

Secreted.

Images

15% SDS-PAGE analysis of ab113121 (3µg)

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

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