

Product datasheet

Recombinant Human C5α-R protein ab157989

1 Image

Description

Product name	Recombinant Human C5a-R protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MNSFNYYTPDYGHYDDKDTLDLNTVPDKTSNTRLRVPDILAL VIFAVVFLV GVLGNALVVWVTAFEAKRTINAIWFLNLAVADFLSCLALPI LFTSIVQHH HWPFGGGAACSLPSLILLNMYASILLLATISADRFLLVFKPM CQNFRGA GLAWIACAVAWGLALLLTIPSFLYRVVREEYFPPKVLCGV DYSHDKRRER AVAVRLVLGFLWPLLTLTICYTFILLRTWSRRATRSTKTLKV VVAVVAS FFIFWLPYQVTGIMMSFLEPSSPTFLLLNKLDSLCVSFAYIN CCINPIY VVAGQGFQGRRLRKSPLSLLRNVLTEESVVRESKSFTRST VDTMAQKTQAV</p>
Amino acids	1 to 350
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab157989** 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 -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.

Sequence similarities

Belongs to the G-protein coupled receptor 1 family.

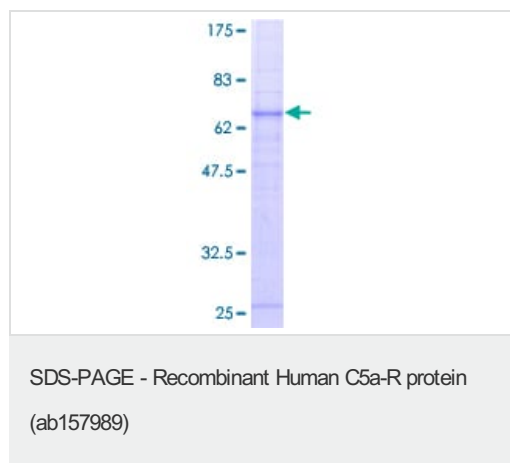
Post-translational modifications

Sulfation plays a critical role in the association of the receptor with C5a, but no significant role in the ability of the receptor to transduce a signal and mobilize calcium in response to a small peptide agonist.

Cellular localization

Cell membrane.

Images



ab157989 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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