



Sales Enquires: sales@absoluteantibody.com
Support Queries: support@absoluteantibody.com
Tel: +44 (0) 1865 920810
Fax: +44 (0) 1865 920811
absoluteantibody.com

Recombinant Mouse ... Fc-Fusion Protein

Cat No: Pr00164-1.9

Product Summary

Description: Recombinant mouse VISTA Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Mouse VISTA

Fc domain: Mouse IgG1

Structure / Form: Disulfide-linked homodimer

Species: Mouse

Construct Design Note(s): The extracellular domain of VISTA has been fused to the Fc domain of mouse IgG1.

Host: HEK293

UniProt Accession Number: Q9D659

Alternative Description: V-type immunoglobulin domain-containing suppressor of T-cell activation; Platelet receptor Gi24; V-set domain-containing immunoregulatory receptor; V-set immunoregulatory receptor; VISTA-Ig; VISTA-Fc chimera; VISTA (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Immunoregulatory receptor which inhibits the T-cell response [PMID:21383057, PubMed:24743150, PubMed:25267631]. May promote differentiation of embryonic stem cells, by inhibiting BMP4 signaling [PMID:20042595]. May stimulate MMP14-mediated MMP2 activation (By similarity) [Uniprot].

Product Form

Purification: IMAC purified

Supplied in: 0.1 mg size: PBS with preservative (0.02% Proclin 300), 1 mg size: PBS only.

Endotoxin: <1.0 EU/mg

Shipping: The product is shipped on blue ice. Upon receipt, store it immediately at the temperature recommended.

Storage Recommendation: Store at 4°C for up to 1 month. For longer term storage aliquot in small volumes and store at -20°C. Avoid repeated freeze-thaw cycles.

SDS PAGE Purity: >95%, as determined by SDS-PAGE and visualized by Coomassie Brilliant Blue.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals

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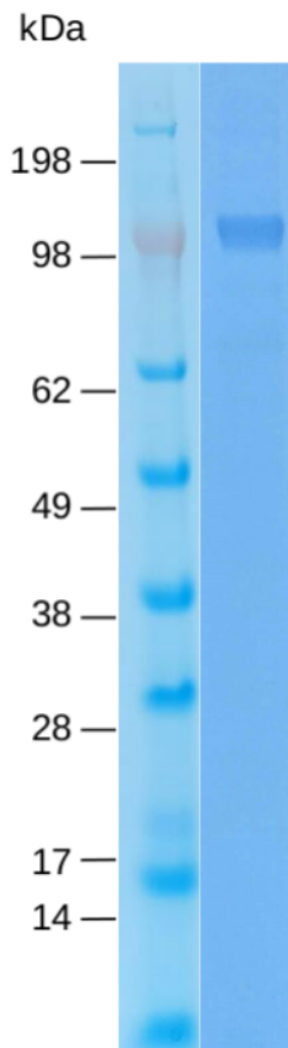
Fc-Fusion Sequence (monomer)

AFKVTTPYSLYVCPEGQNALTCRILGPVSKGHDVTIYKTWYLSSRGEVQMCKEHRPIRNFTLQHLQHGGSHLKANAS
HDQPQKHGLELASDHHGNFSITLRNVTPRDSGLYCCLVIELKNHHPEQRFYGSMEQLVQAGKGSSTCMASNEQDSD
SITAGGGGSVPRDQGCKPCICTVPEVSSVFIFPPKPKDVLITLTPKVTCVVVDISKDDPEVQFSWFVDDVEVHTAQTKP
REEQINSTFRSVSELPIMHQDWLNGKEFKCRVNSAAFPAPIEKTISKTKGRPKAPQVYTIPPPKEQMAKDKVSLTCMITN
FFPEDITVEWQWNGQPAENYKNTQPIMDTDGSYFVYSKLVQKSNWEAGNTFTCSVLHEGLNHHHTEKSLSHSPGK
HHHHHH

Underlined amino acids sequence include a G4S linker and 6xHis epitope tag, respectively.

Calculated Molecular weight (dimer): 88947 Da

Extinction coefficient: 97900 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).



VISTA (Pr00164-1.9) SDS-PAGE. Pr00164-1.9 under non-reducing conditions resolved by SDS-PAGE and stained using Coomassie-Blue.

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