



Recombinant Human NKG2E Fc-Fusion Protein

Cat No: Pr00128-10.28

Product Summary

Description: Recombinant human NKG2E Fc-Fusion Protein manufactured using [AbAb's Recombinant Platform](#)

Protein: Human NKG2E

Fc domain: Human IgG1

Structure / Form: Disulfide-linked homodimer

Species: Human

Construct Design Note(s): The extracellular domain of NKG2E has been fused to the Fc domain of human IgG1.

Host: HEK293

UniProt Accession Number: Q07444

Alternative Description: NKG2-E type II integral membrane protein, NK cell receptor E, NKG2-E-activating NK receptor; NKG2E-Ig; NKG2E-Fc chimera; NKG2E (Fc tag)

Published Application(s):

Tested Applications(s):

Activity: Plays a role as a receptor for the recognition of MHC class I HLA-E molecules by NK cells and some cytotoxic T-cells [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

Fc-Fusion Sequence (monomer)

HHHHHHEPKSQDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHN
AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSL
TCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLS
LSPG**GGGSGGGG**S PFLEQNNSSPNARTQKARHCGHCPEEWITYSNSCYYIGKERRTWEESLQACASKNSSSLLCI
DNEEEMKFLASILPSSWIGVFRNSSHPWVTINGLAFKHEIKDSDHAERNCAMLHVRLISDQCGSSRIIRRGFIMLTRL
VLNS

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

Calculated Molecular weight (dimer): 88244 Da

Extinction coefficient: 125710 (calculation performed as described by Pace *et al.* (1995), PMID: 8563639).

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