



### 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)**

**HHHHH**HEPKSQDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHN  
AKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSL  
TCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLS  
LSPG**GGGSGGGG**SPFLEQNNSSPNARTQKARHCGHCPEEWITYSNSCYYIGKERRTWEESLQACASKNSSSLLCI  
DNEEEMKFLASILPSSWIGVFRNSSHHPWVTINGLAFKHEIKDSDHAERNCAMLHVRLISDQCGSSRIIRRGFIMLTRL  
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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