



[Go to Product page](#)

Datasheet for ABIN7271610 NCR3 Protein (Fc Tag)

Overview

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|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | NCR3 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This NCR3 protein is labelled with Fc Tag. |

Product Details

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|------------------|--|
| Purpose: | Human NKp30 / NCR3 / CD337 Protein, Llama IgG2b Fc Tag, low endotoxin |
| Sequence: | Leu 19 - Gly 135 |
| Characteristics: | Human NKp30, Llama IgG2b Fc Tag (NC3-H5256) is expressed from human 293 cells (HEK293). It contains AA Leu 19 - Gly 135 (Accession # NP_667341.1). |
| Purity: | >95 % as determined by SDS-PAGE. |
| Endotoxin Level: | Less than 0.01 EU per µg by the LAL method. |

Target Details

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|-------------------|---|
| Target: | NCR3 |
| Alternative Name: | NKp30 / NCR3 / CD337 (NCR3 Products) |
| Background: | Synonyms:NCR3,CD337,NKp30,1C7,LY117,MALS,Description:Natural cytotoxicity triggering receptor 3 (NCR3) is also known as Activating natural killer receptor p30, Natural killer cell p30-related protein (NK-p30), CD antigen CD337, 1C7, LY117. NCR3 /CD337 /NKp30 belongs to the |

Target Details

natural cytotoxicity receptor (NCR) family. NCR3 /NKp30 contains one Ig-like (immunoglobulin-like) domain. NCR3 /NKp30 is selectively expressed by all resting and activated NK cells and weakly expressed in spleen. NCR3 is homodimer in the unliganded form. NCR3 interacts with CD3Z. NCR3 interacts with and is activated by binding to NCR3LG1 or BAG6. Engagement of NCR3 by BAG6 also promotes dendritic cell (DC) maturation, both through killing those DCs that did not properly acquire a mature phenotype, and inducing NK cells to release TNFA and IFNG, which promotes DC maturation.

Molecular Weight: 40.7 kDa

NCBI Accession: [NP_667341](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: This protein carries a llama IgG2b Fc tag at the C-terminus. The protein has a calculated MW of 40.7 kDa. The protein migrates as 50-55 kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5

Storage: -20 °C

Storage Comment: -20°C