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KLRC1 Protein (AA 100-233) (His-Avi Tag, Biotin)





Go to Product page

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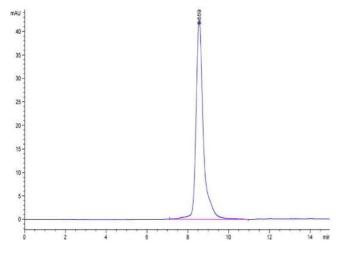
| Quantity: | 100 μg |
|-------------------------------|---|
| Target: | KLRC1 |
| Protein Characteristics: | AA 100-233 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This KLRC1 protein is labelled with His-Avi Tag,Biotin. |

Product Details

| Purpose: | Biotinylated Human NKG2A/CD159a Protein | |
|------------------------------|---|--|
| Sequence: | Arg100-Leu233 | |
| Characteristics: | Recombinant Biotinylated Human NKG2A/CD159a Protein is expressed from HEK293 with His tag and Avi tag at N-Terminus.It contains Arg100-Leu233. | |
| Purity: | > 95 % as determined by Tris-Bis PAGE | |
| Sterility: | 0.22 μm filtered | |
| Endotoxin Level: | Less than 1EU per μg by the LAL method. | |
| Biological Activity Comment: | Immobilized Anti-NKG2A Antibody, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human NKG2A, His Tag with the EC50 of 0.21µg/ml determined by ELISA. See testing image for detail. | |

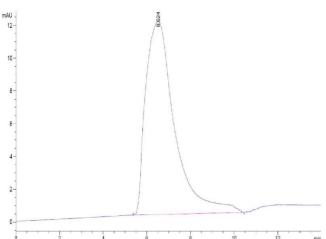
Target Details

| Target: | KLRC1 | |
|---------------------|--|--|
| Alternative Name: | NKG2A (KLRC1 Products) | |
| Background: | NKG2, also known as NKG2A(CD159A), is a member of the killer cell lectin-like receptor family. NKG2A marks a unique immune effector subset preferentially co-expressing the tissue-resident CD103 Molecule, but not immune checkpoint inhibitors. It is expressed only in NK-cells, but not in T-cells or B-cells. | |
| Molecular Weight: | 18.3 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result. | |
| Application Details | | |
| Restrictions: | For Research Use only | |
| Handling | | |
| Format: | Lyophilized | |
| Reconstitution: | Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water. | |
| Buffer: | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization. | |
| Storage: | -20 °C,-80 °C | |
| Storage Comment: | -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. | |
| Expiry Date: | 12 months | |



Size-exclusion chromatography-High Pressure Liquid Chromatography

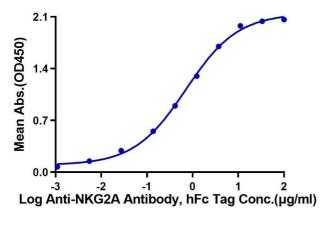
Image 1. The purity of Biotinylated Human NKG2A is greater than 95 % as determined by SEC-HPLC.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Biotinylated Human NKG2A is greater than 95 % as determined by SEC-HPLC.





ELISA

Image 3. Immobilized Biotinylated Human NKG2A, His Tag at 2 μ g/mL (100 μ L/Well) on the plate. Dose response curve for Anti-NKG2A Antibody, hFc Tag with the EC50 of 0.7 μ g/mL determined by ELISA.

Please check the product details page for more images. Overall 5 images are available for ABIN7275339.