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Datasheet for ABIN7520281 LILRA5 Protein (His tag)

Overview

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| Quantity: | 10 µg |
| Target: | LILRA5 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This LILRA5 protein is labelled with His tag. |

Product Details

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| Purpose: | Active Recombinant Human LILRA5/CD85f Protein |
| Sequence: | GNLSKATLWA EPGSVISRGN SVTIRCQGLT EAQEYRLVKE GSPEPWDTON PLEPKNKARF SIPSMTEHHA GRYRCYYYSP AGWSEPSDPL ELVVTGFYNK PTLALPSPV VTSGENVTLQ CGSRLRFDRF ILTEEGDHKL SWTLDSQLTP SGQFQALFPV GPVTPSHRWM LRCYGSRHHI LQVWSEPSDL LEIPVSGAAD NLSPSQNKSD SGTASHLQDY AVENLIR |
| Specificity: | Gly42-Arg268 |
| Purity: | > 95 % by SDS-PAGE. |
| Sterility: | 0.22 µm filtered |
| Endotoxin Level: | < 0.1 EU/µg of the protein by LAL method. |

Target Details

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| Target: | LILRA5 |
| Alternative Name: | LILRA5/CD85f (LILRA5 Products) |

Target Details

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| Background: | <p>Description: LILRA5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LILR are a family of receptors possessing extracellular immunoglobulin domains. They are also known as CD85, ILTs, and can exert immunomodulatory effects on a wide range of immune cells. ILT-11 contains 2 Ig-like C2-type (immunoglobulin-like) domains. It can be detected in tissues of the hematopoietic system, including bone marrow, spleen, lymph node, and peripheral leukocytes. Crosslink of ILT-11 on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses.</p> <p>Name: CD85,CD85F,ILT-11,ILT11,LILRB7,LIR-9,LIR9,LILRA5</p> |
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| Gene ID: | 353514 |
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| UniProt: | A6NI73 |
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Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
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| Reconstitution: | Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. |
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| Buffer: | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. |
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| Storage: | -20 °C,-80 °C |
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| Storage Comment: | Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. |
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