

Active Recombinant Human RAET1G, His-tagged

Cat. No. RAET1G-629H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human RAET1G (Accession # NP_001001788) Met1-Gly210, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived. |
| Species | Human |
| Source | CHO |
| ProteinLength | 1-210 a.a. |
| Predicted N Terminal | Asp29 |
| Form | Lyophilized from a 0.2 µm filtered solution in PBS. |
| Bio-activity | Measured by its binding ability in a functional ELISA. When Recombinant Human (rh) NKG2D Fc Chimera is immobilized at 1 µg/mL (100 µg/well), the concentration of rhULBP-5 that produces 50% of the optimal binding response is found to be approximately 1.5-7.5 ng/mL. |
| Molecular Mass | Recombinant Human RAET1G, His-tagged has a calculated MW of 21.5 kDa. In SDS-PAGE migrates as 24-28 kDa, reducing conditions. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

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| Gene Name | RAET1G retinoic acid early transcript 1G [Homo sapiens (human)] |
| Official Symbol | RAET1G |
| Synonyms | RAET1G; retinoic acid early transcript 1G; ULBP5; retinoic acid early transcript 1G protein; UL-16 binding protein 5 |
| Gene ID | 353091 |
| mRNA Refseq | NM_001001788 |
| Protein Refseq | NP_001001788 |
| MIM | 609244 |
| UniProt ID | Q6H3X3 |
| Chromosome Location | 6q24.1-q25.1 |

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