

Active Recombinant Human RAET1G, His-tagged

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

SPECIFICATION

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 µ 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 µL/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

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

GENE INFORMATION

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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