

ULBP6/RAET1L Active Protein | RAET1L active protein

ULBP6/RAET1L Protein, Human, Recombinant (hFc Tag)

CATALOG #
AAA258035

HOST
HEK293 Cells

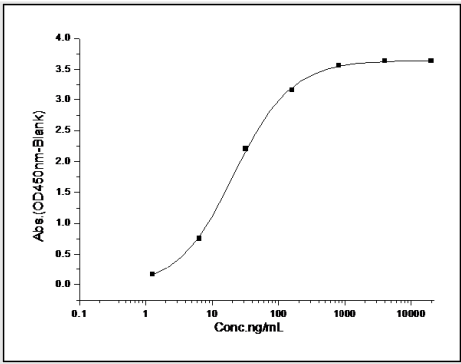
PRODUCT SYNONYMS

ULBP6/RAET1L; ULBP6/RAET1L Protein; Human; Recombinant (hFc Tag); Human RAET1L/ULBP6 Protein (Fc Tag); RAET1L Protein; ULBP6 Protein; retinoic acid early transcript 1L; RAET1L active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-Ser21 7
Species	Human
Endotoxin	<1.0EU per ug protein as determined by the LAL method.
Predicted N Terminal	Arg 26
Tag	C-human IgG1-Fc
Protein Construction	A DNA sequence encoding the human RAET1L (AAK91503.1)(Met1-Ser217) was expressed with the Fc region of human IgG1 at the C-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Activity	Measured by its binding ability in a functional ELISA. Immobilized human His-NKG2D(78-216) at 10ug/ml (100uL/well) can bind RAET1L-Fc. The EC50 of RAET1L-Fc is 13-30ng/ml.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.

IMAGES



SDS-PAGE

Application Data
Measured by its binding ability in a functional ELISA. Immobilized human His-NKG2D(78-216) at 10 ug/ml (100 ul/well) can bind RAET1L-Fc, The EC50 of RAET1L-Fc is 13-30 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for RAET1L active protein	Background: ULBP6/RAET1L, is a polymorphic locus that expresses a functional transcript. ULBP6 had a more restricted expression profile in cell lines and primary human tissues than other NKG2D ligands, but expression was detected in several human papillomavirus-positive cervical carcinoma cell lines and was inducible on infection with human CMV. Expression of ULBP6 on target cells induced a significant increase in NK-cell killing.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	The recombinant human RAET1L consists 430 amino acids and predicts a molecular mass of 48.5kDa.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/ulbp6-raet1/258035>