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## 32-6590: ULBP1 Human, Sf9

**Alternative Name :** UL16 Binding Protein 1, Retinoic Acid Early Transcript 1I, alcan-beta, NKG2D Ligand 1, NKG2DL1, RAET1I, N2DL-1, NKG2D ligand 1, ULBP.

## Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
Â ULBP1 together with at least ULBP2 and ULBP3, is ligand for the NKG2D receptor. ULBPs stimulate various signaling pathways in primary NK cells, which result in cytokines and chemokines production. In CMV infected cells, ULBP1 cooperates with soluble CMV glycoprotein UL16 to inhibit the interaction with the NKG2D receptor providing a mechanism by which CMV infected cells escape the immune system. Additionally, UL16 retains ULBP1 to the ER and cis-Golgi apparatus to prevent it from reaching cell surface.
ULBP1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 200 amino acids (26-216) and having a molecular mass of 23.4kDa (Molecular size on SDS-PAGE will appear at approximately 20-40kDa).ULBP1 is fused to a 6 amino acid IgG His-Tag at C-terminus and purified by proprietary chromatographic techniques.

## Product Info

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| **Amount :** | 2 µg / 10 µg |
| **Purification :** | Greater than 90.0% as determined by analysis by SDS-PAGE. |
| **Content :** | ULBP1 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. |
| **Storage condition :** | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| **Amino Acid :** | ADLGWVDTHC LCYDFIITPK SRPEPQWCEV QGLVDERPFL HYDCVNHKAK AFASLGKKVN VTKTWEEQTE TLRDVVDFLK GQLLDIQVEN LIPIEPLTLQ ARMSCEHEAH GHGRGSWQFL FNGQKFLLFD SNNRKWTALH PGAKKMTEKW EKNRDVTMFF QKISLGDCKM WLEEFLMYWE QMLDPTKPPS LAPGHHHHHH. |