

## UL16 Binding Protein 4 Human Recombinant

<b>Item Number</b>	rAP-5045
<b>Synonyms</b>	Retinoic Acid Early Transcript 1E, Lymphocyte Effector Toxicity Activation Ligand, RAE-1-Like Transcript 4, NKG2DL4, N2DL-4, LETAL, ULBP4, RL-4, NKG2D Ligand 4, BA350J20.7, RAET1E2, N2DL4, RAET1E.
<b>Description</b>	ULBP4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Isoform 3 of Q8TD07) containing 192 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 22kDa.
<b>Uniprot Accession Number</b>	Q8TD07
<b>Amino Acid Sequence</b>	MKHHHHHHASHSLCFNFTIK SLSRPGQPWC EAQVFLNKNL FLQYNSDNNM VKPLGLLGKK VYATSTWGEL TQTLGEVGRD LRMLLCDIKP QIKTSDPSTL QVEMFCQREA ERCTGASWQF ATNGEKSLLF DAMNMTWTVI NHEASKIKET WKKDRGLEKY FRKLSKGD CD HWLREFLGHW EAMPEP- TGRR ST.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	ULBP4 was filtered (0.4 µm) and lyophilized in 0.05M Acetate buffer pH 4.0, 1% (w/v) Sucrose and 4% (w/v) Mannitol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 0.1M acetate buffer pH 4.0 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer t
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**