

Leukocyte-Associated Ig-Like Receptor 1 Human Recombinant

Item Number	rAP-3537
Synonyms	Leukocyte-associated immunoglobulin-like receptor 1, LAIR-1, hLAIR1, CD305 antigen, LAIR1, CD305.
Description	LAIR1 Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing amino acids 105 and having a molecular mass of 11.5 kDa. The extracellular domain of LAIR-1 (22-125aa) was overexpressed in E.coli, and purified by using conventional chromatography techniques.
Uniprot Accesion Number	Q6GTX8
Amino Acid Sequence	MQEEDLPRPS ISAEPGTVIP LGSHTVFCR GPVGVQTFRL ERESRSTYND TEDVS-QASPSEEARFRIDS VSEGNAGPYR CIYYKPPKWS EQSDYLELLV KETSG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The protein (1mg/ml) contains 20mM Tris-HCl (pH7.5) 50mM NaCl and 1mM EDTA. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**