

Major Histocompatibility Complex Class I F Human Recombinant

Item Number	rAP-3460
Synonyms	CDA12, HLA-5.4, HLA-CDA12, HLAF, HLA class I histocompatibility antigen, alpha chain F, HLA F antigen, Leukocyte antigen F, MHC class I antigen F, HLA-F.
Description	HLA-F Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (22-305a.a) and having a molecular mass of 35.1kDa. HLA-F is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P30511
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSGSHSLRY FSTAVSRPGR GEPRYIAVEY VDDTQFLRFD SDAAIPRMEP REPWVEQEGP QYWEWTTGYA KANAQTDRAVA LRNLLRRYNQ SEAGSHTLQG MNGCDMGPDG RLLRGYHQHA YDGKDYISLN EDLRSWTAAD TVAQTQRFY EAEEYAEEFR TY- LEGECLEL LRRLYLENGKE TLQRADPPKA HVAHHPISDH EATLRCWALG FYPAEITLTW QRDGEEQTQD TELVETRPAG DGTFQKWAAT VVPPGEEQRY TCHVQHEGLP QPLILRWEQS PQPTIPI.
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	HLA-F protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl 20% glycerol and 1mM DTT. Greater than 90.0% 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**