

## Lipocalin-1 Human Recombinant

<b>Item Number</b>	rAP-1271
<b>Synonyms</b>	Lipocalin-1, PMFA, TLC, TP, VEGP, Tear lipocalin, Tear prealbumin, Von Ebner gland protein, VEG protein.
<b>Description</b>	LCN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 183 amino acids (19-176 a.a) and having a molecular mass of 20.1kDa. LCN1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P31025
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMHLLA SDEEIQDVSG TWYLKAMTVD REFPEMNLES VTPMTLTTLE GGNLEAKVTM LISGRCQEVK AVLEKTDEPG KYTADGGKHV AYIIRSHVKD HYIFYCEGEL HGKPVRGVKL VGRDPKNNLE ALEDFEKAAG ARGLSTESIL IPRQSETCSP GSD.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	LCN1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<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**