9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-2497: LCN1 Recombinant Protein

Alternative Name : Lipocalin-1,PMFA,TLC,TP,VEGP,Tear lipocalin,Tear prealbumin,Von Ebner gland protein,VEG protein.

Description

Source : Escherichia Coli. 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. Lipocalin-1 (LCN1) belongs to the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins, which bind to various hydrophobic ligands. LCN1 protein is the principal lipid binding protein in tears and is overproduced in response to numerous stimuli including infection and stress. LCN1 is a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	LCN1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.
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 :	MGSSHHHHHH SSGLVPRGSH MGSHMHHLLA SDEEIQDVSG TWYLKAMTVD REFPEMNLES VTPMTLTTLE GGNLEAKVTM LISGRCQEVK AVLEKTDEPG KYTADGGKHV AYIIRSHVKD HYIFYCEGEL HGKPVRGVKL VGRDPKNNLE ALEDFEKAAG ARGLSTESIL IPRQSETCSP GSD.

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