

Product datasheet

Recombinant Human LCN1 protein ab187451

1 Image

Description

Product name	Recombinant Human LCN1 protein
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P31025</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMGSHMHLLASDEEIQDV SGTWYLKAMTVD REFPEMNLESVTPMTLTTLEGGNLEAKVTMLISGRCQEVK AVLEKTDEPG KYTADGGKHVAYIIRSHVKDHYIFYCEGELHGKPVRGVKLV GRDPKNNLE ALEDFEKAAGARGLSTESILIPRQSETCSPGSD
Predicted molecular weight	20 kDa including tags
Amino acids	19 to 176
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab187451** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 0.02% DTT, 10% Glycerol (glycerin, glycerine), 89% PBS

General Info

Function

Could play a role in taste reception. Could be necessary for the concentration and delivery of sapid molecules in the gustatory system. Can bind various ligands, with chemical structures ranging from lipids and retinoids to the macrocyclic antibiotic rifampicin and even to microbial siderophores. Exhibits an extremely wide ligand pocket.

Tissue specificity

Mainly expressed in lachrymal and salivary glands. Also expressed in the prostate.

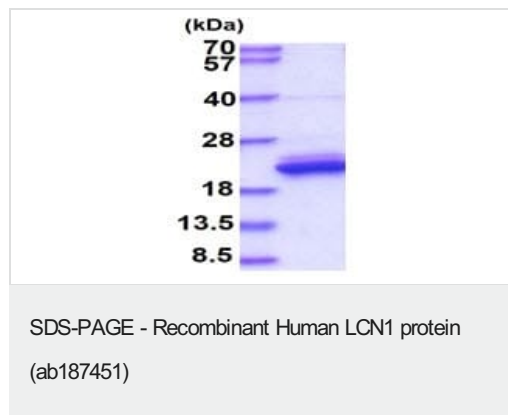
Sequence similarities

Belongs to the calycin superfamily. Lipocalin family.

Cellular localization

Secreted.

Images



15% SDS-PAGE showing ab187451 (3 µg) at approximately 20.1 kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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