Lipophilin B Recombinant Protein | LIPB recombinant protein

Recombinant Lipophilin B, Prostatein Like (LIPB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144327	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

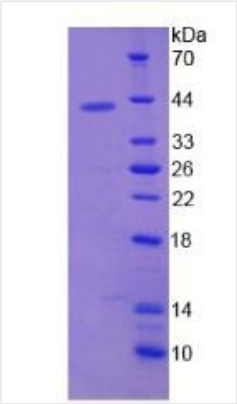
PRODUCT SYNONYMS

Lipophilin B; Recombinant Lipophilin B; Prostatein Like (LIPB); LIPB recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 550ug/mL (varies by lot)
Applicable Applications for LIPB recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Glu22~Val90
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

Sequence

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                    EFCPALVSE LLDFFFISEP LFKLSLAKFD
APPEAVAAKL GVKRCTDQMS LQKRSLIAEV LVKILKKCSV
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4107231
UniProt Accession #	O95969; Q2M3N9
Molecular Weight	Predicted Molecular Mass: 37.6kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	lipophilin B
UniProt Protein Name	Secretoglobin family 1D member 2
UniProt Gene Name	**SCGB1D2**
UniProt Synonym Gene Names	LIPHB; LPNB
UniProt Entry Name	SG1D2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/scgb1d2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144327