

Datasheet for ABIN5854660
PLAUR Protein (AA 23-305) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	PLAUR
Protein Characteristics:	AA 23-305
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAUR protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPMSEGVGT FRMVPEEEQE LRAQLEQLTT KDHGPVFGPC SQLPRHTLQK AKDELNEREE TREEAVRELQ EMVQAQAASG EELAVAVAER VQEKDSGFFL RFIRARKFNV GRAYELLRGY VNFRLQYPEL FDSLSPAVR CTIEAGYPGV LSSRDKYGRV VMLFNINWQ SQEITFDEIL QAYCFILEKL LENEETQING FCIENFKGF TMQQAASLRT SDLRKMVDML QDSFPAFKA IHFIHQPWYF TTTYNVVKPF LSKLLERVF VHGDLSGFY QEIDENILPS DFGGTLPKYD GKAVAEQLFG PQAQAENTAF HHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	PLAUR
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Target Details

Alternative Name: [PLAUR \(PLAUR Products\)](#)

Background: RLBP1, as known as retinaldehyde binding protein 1, is a soluble protein. It participates in the regeneration of active 11-cis-retinol and 11-cis-retinaldehyde, from the inactive 11-trans products of the rhodopsin photocycle and in the de novo synthesis of these retinoids from 11-trans metabolic precursors. The cycling of retinoids between photoreceptor and adjacent pigment epithelium cells is known as the 'visual cycle'. Recombinant human RLBP1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 37.5kDa (326aa) 28-40kDa (SDS-PAGE under reducing conditions)

NCBI Accession: [NP_000317](#)

UniProt: [P12271](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

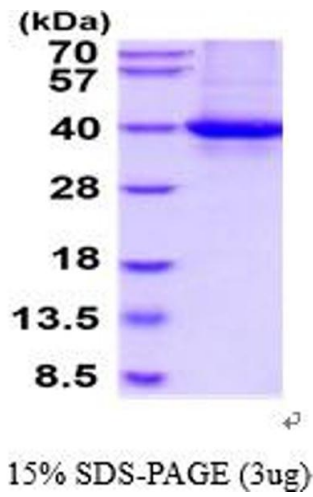
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.