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Datasheet for ABIN5853802

DENV Protein (AA 298-400) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	DENV
Protein Characteristics:	AA 298-400
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENV protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSSYSMCTG KFKVVKEIAE TQHGTVIRV QYEGDGSPCK IPFEIMDLEK RHLVGLRLITV NPIVTEKDSP VNIEAEPFPG DSYIIIIVPEP GQLKLNWFKK GSSIGQ
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	DENV
Alternative Name:	DENV (DENV Products)
Target Type:	Viral Protein
Background:	Envelope protein E binding to host cell surface receptor is followed by virus internalization through clathrin-mediated endocytosis. Envelope protein E is subsequently involved in membrane fusion between virion and host late endosomes. This protein is synthesized as a

Target Details

homodimer with prM which acts as a chaperone for envelope protein E. After cleavage of prM, envelope protein E dissociate from small envelope protein M and homodimerizes. Recombinant Dengue virus DENV protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 13.8 kDa (126aa)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

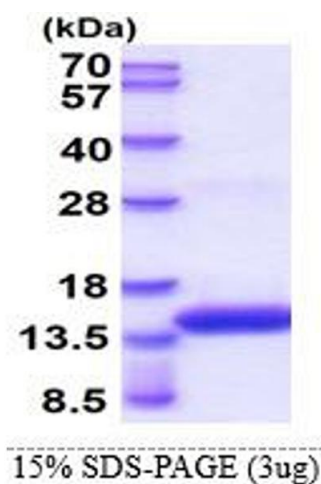
Concentration: 0.5 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10 % glycerol, 1 mM DTT

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.

Images



SDS-PAGE

Image 1.