Datasheet for ABIN7596357

DKK1 Protein (AA 32-272) (His tag)

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Overview

Quantity:	250 µg
Target:	DKK1
Protein Characteristics:	AA 32-272
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DKK1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	TLNSVLINSN AIKNLPPPLG GAGGQPGSAV SVAPGVLYEG GNKYQTLDNY QPYPCAEDEE CGSDEYCSSP SRGAAGVGGV QICLACRKRR KRCMRHAMCC PGNYCKNGIC MPSDHSHFPR GEIEESIIEN LGNDHNAAAG DGYPRRTTLT SKIYHTKGQE GSVCLRSSDC AAGLCCARHF WSKICKPVLK EGQVCTKHKR KGSHGLEIFQ RCYCGEGLAC RIQKDHHQAS NSSRLHTCQR
Purity:	> 95% by SDS - PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	DKK1
Alternative Name:	DKK1 (DKK1 Products)
Background:	Dkk-1, also known as Dickkopf-related protein 1, is a member of the Dkk protein family. It is a

Target Details

	secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Because of its antagonistic effects on the Wnt signaling pathway, it is believed that Dkk-1 is a common marker for neuronal death in neurodegenerative diseases like Alzheimer's. Elevated level of Dkk-1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma. Recombinant mouse Dkk-1, fused to His-tag at C-terminus, was expressed in HEK293 and purified by using conventional chromatography techniques.
Molecular Weight:	26.9kDa (247aa)
NCBI Accession:	NP_034181
Pathways:	WNT Signaling, Regulation of Muscle Cell Differentiation, Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.