Datasheet for ABIN5854544

IMPAD1 Protein (AA 34-356) (His tag)

1 Image

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Overview

Quantity:	50 µg
Target:	IMPAD1
Protein Characteristics:	AA 34-356
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IMPAD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPGRFSLFG LGSEPAAGEA EVASDGGTVD LREMLAVAVL AAERGGDEVR RVRESNVLHE KSKGKTREGA DDKMTSGDVL SNRKMFYLLK TAFPNVQINT EEHVDASDKE VIVWNRKIPE DILKEIAAPK EVPAESVTVW IDPLDATQEY TEDLRKYVTT MVCVAVNGKP VLGVIHKPFS EYTAWAMVDG GSNVKARSSY NEKTPKIIVS RSHAGMVKQV ALQTFGNQTS IIPAGGAGYK VLALLDVPDM TQEKADLYIH VTYIKKWDIC AGNAILKALG GHMTTLNGEE ISYTGSDGIE GGLLASIRMN HQALVRKLPD LEKSGHHHHH HH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	IMPAD1

Target Details

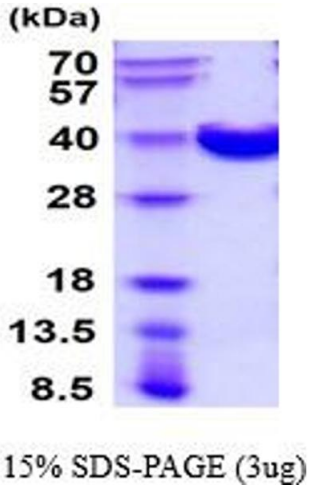
Alternative Name:	Impad1 (IMPAD1 Products)
Background:	IMPAD1, also known as inositol monophosphatase 3, may play a role in the formation of skeletal elements derived through endochondral ossification, possibly by clearing adenosine 3, 5-bisphosphate produced by Golgi sulfotransferases during glycosaminoglycan sulfation. Recombinant mouse IMPAD1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	36.2kDa (332aa) 28-40KDa (SDS-PAGE under non-reducing conditions.)
NCBI Accession:	NP_808398
UniProt:	Q80V26
Pathways:	Glycosaminoglycan 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 10 % 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.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.