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HPD Protein (AA 1-393) (His tag)



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Overview

Quantity:	50 μg
Target:	HPD
Protein Characteristics:	AA 1-393
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPD protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:

SSTTKCTVSH EVADCSHLKL TQVPDDLPTN ITVLNLTHNQ LRRLPAANFT RYSQLTSLDV
GFNTISKLEP ELCQKLPMLK VLNLQHNELS QLSDKTFAFC TNLTELHLMS NSIQKIKNNP
FVKQKNLITL DLSHNGLSST KLGTQVQLEN LQELLLSNNK IQALKSEELD IFANSSLKKL
ELSSNQIKEF SPGCFHAIGR LFGLFLNNVQ LGPSLTEKLC LELANTSIRN LSLSNSQLST
TSNTTFLGLK WTNLTMLDLS YNNLNVVGND SFAWLPQLEY FFLEYNNIQH LFSHSLHGLF
NVRYLNLKRS FTKQSISLAS LPKIDDFSFQ WLKCLEHLNM EDNDIPGIKS NMFTGLINLK
YLSLSNSFTS LRTLTNETFV SLAHSPLHIL NLTKNKISKI ESDAFSWLGH LEVLDLGLNE
IGQELTGQEW RGLENIFEIY LSYNKYLQLT RNSFALVPSL QRLMLRRVAL KNVDSSPSPF
QPLRNLTILD LSNNNIANIN DDMLEGLEKL EILDLQHNNL ARLWKHANPG GPIYFLKGLS
HLHILNLESN GFDEIPVEVF KDLFELKIID LGLNNLNTLP ASVFNNQVSL KSLNLQKNLI
TSVEKKVFGP AFRNLTELDM RFNPFDCTCE SIAWFVNWIN ETHTNIPELS SHYLCNTPPH
YHGFPVRLFD TSSCKDSAPF ELLEHHHHHHH

Product Details > 90 % by SDS - PAGE Purity: Endotoxin Level: < 1.0 EU per 1ug of protein (determined by LAL method) Target Details HPD Target: Alternative Name: Hpd (HPD Products) Background: TLR3, also known as toll-like receptor 3, is a member of the toll-like receptor family which plays a fundamental role in pathogen recognition and activation of innate immunity. It is innate immune receptors for sensing microbial molecules and damage-associated molecular patterns released from host cells. It recognizes dsRNA and activation of the receptor induces the activation of NF-kappaB and the production of type I interferons (IFNs). Its signaling activation is associated with ischemic preconditioning-induced protection against brain ischemia and attenuation of reactive astrogliosis. It is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. Recombinant human TLR3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. Molecular Weight: 78.5kDa (690aa) 70-100kDa (SDS-PAGE under reducing conditions) NCBI Accession: NP_003256 UniProt: 015455 **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. 20 mM Tris-HCl Buffer (pH 8.0) containing 0.1M NaCl, 1 mM DTT, 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.