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ITPA Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



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20 μg
ITPA
Transcript Variant 1
Human
HEK-293 Cells
Recombinant

This ITPA protein is labelled with Myc-DYKDDDDK Tag.

Application: Antibody Production (AbP), Standard (STD)

Product Details

Purification tag / Conjugate:

Characteristics:	 Recombinant human ITPA (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details	
Target:	ITPA
Alternative Name:	Itpa (ITPA Products)
Background:	This gene encodes an inosine triphosphate pyrophosphohydrolase. The encoded protein hydrolyzes inosine triphosphate and deoxyinosine triphosphate to the monophosphate nucleotide and diphosphate. This protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can

Target Details

	result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of
	ITP in red blood cells. Alternate splicing results in multiple transcript variants.
Molecular Weight:	21.3 kDa
NCBI Accession:	NP_258412

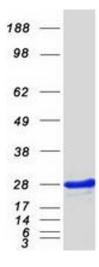
Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot