

Recombinant Human ITPA

Catalog No: #GP12161

Package Size: #GP12161-1 100ug

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Description

Product Name	Recombinant Human ITPA
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)
Other Names	My049; C20orf37; dJ79416.3; HLC14-06-P
Accession No.	Swissprot:Q9BY32Gene Accession:BC010138
Uniprot	Q9BY32
GeneID	3704;
Storage	-20~-80°C, pH 7.6 PBS

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 result in inosine triphosphate pyrophosphorylase deficiency which causes an accumulation of ITP in red blood cells. Alternate splicing results in multiple transcript variants.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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