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Datasheet for ABIN7454107

DDT Protein (AA 2-118) (His tag)

Overview

Quantity:	100 µg
Target:	DDT
Protein Characteristics:	AA 2-118
Origin:	Cynomolgus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDT protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus DDT Protein
Sequence:	Pro2-Leu118
Characteristics:	Recombinant Cynomolgus DDT Protein is expressed from E.coli with His tag at the N-Terminus. It contains Pro2-Leu118.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	DDT
Alternative Name:	DDT (DDT Products)

Target Details

Background:	D-dopachrome tautomerase (D-DT) is a newly described cytokine and a member of the macrophage migration inhibitory factor (MIF) protein superfamily. The D-DT protein also is present in most tissues and circulates in serum at similar concentrations as MIF. D-DT binds the MIF cell surface receptor complex, CD74/CD44, with high affinity and induces similar cell signaling and effector functions.
Molecular Weight:	13.37 kDa same as Tris-Bis PAGE result.
NCBI Accession:	XP_005595435

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 50 mM Tris, 150 mM NaCl, 10 % Glycerol (pH 8.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months