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Datasheet for ABIN7274466

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

2 Images

Overview

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

Product Details

Purpose:	Mouse DDT Protein
Sequence:	Pro2-Leu118
Characteristics:	Recombinant Mouse 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,> 95 % as determined by HPLC
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: 14.31 kDa same as Tris-Bis PAGE result.

UniProt: [O35215](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

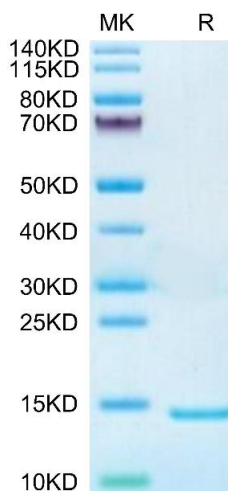
Buffer: Supplied as 0.22µm filtered solution in 50 mM Tris, 200 mM NaCl, 10 % Glycerol (pH 8.0).

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.

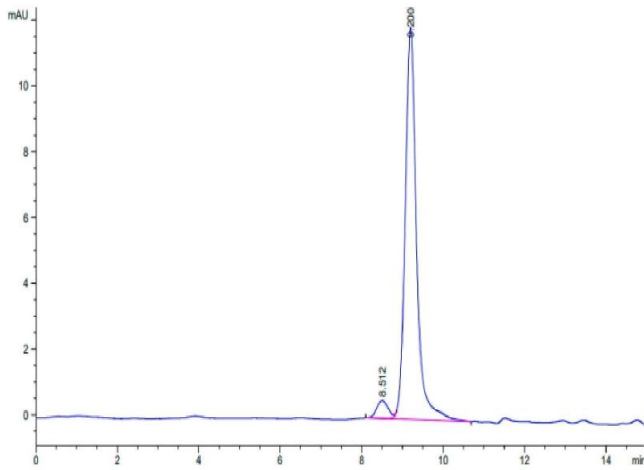
Expiry Date: 12 months

Images



SDS-PAGE

Image 1. Mouse DDT on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse DDT is greater than 95 % as determined by SEC-HPLC.