Datasheet for ABIN7318450

Esterase D Protein (ESD) (His tag)

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Overview

Quantity:	50 µg
Target:	Esterase D (ESD)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Esterase D protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Esterase D/ESD Protein (His Tag)
Sequence:	Met 1-Ala282
Characteristics:	Recombinant Human Esterase D is produced by our E.coli expression system and the target gene encoding Met1-Ala282 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Esterase D (ESD)
Alternative Name:	Esterase D/ESD (ESD Products)
Background:	Background: Human Esterase D is a cytoplasmic serine hydrolase that belongs to the esterase D family. Esterase D is involved in the detoxification of formaldehyde. Esterase D plays a part in a variety of substrates, including O-acetylated sialic acids, which may involves in the recycling

Target Details

	of sialic acids. Esterase D is used as a genetic marker for retinoblastoma and Wilson's disease. Synonym: S-Formylglutathione Hydrolase, FGH, Esterase D, Methylumbelliferyl-Acetate Deacetylase, ESD
Molecular Weight:	32.6 kDa
UniProt:	P10768

Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 10 % Glycerol, pH 8.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.