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Recombinant Human Esterase D/ESD Protein (His Tag)

Catalog No. PKSH032404

Description

Synonyms	S-Formylglutathione Hydrolase; FGH; Esterase D; Methylumbelliferyl-Acetate Deacetylase; ESD
Species	Human
Expression_host	E.coli
Sequence	Met1-Ala282
Accession	P10768
Mol_Mass	32.6 kDa
AP_Mol_Mass	31 kDa
Tag	C-6His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at<-20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM TrisHCl, 10% Glycerol, pH 8.0.
Reconstitution	Not Applicable

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 of sialic acids. Esterase D is used as a genetic marker for retinoblastoma and Wilson's disease.

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