

Recombinant Human Esterase D/ESD Protein (His Tag)

Catalog No. PKSH032404

Note: Centrifuge before opening to ensure complete recovery of vial contents.

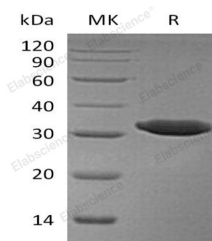
Description

Synonyms	S-Formylglutathione Hydrolase;FGH;Esterase D;Methylumbelliferyl-Acetate Deacetylase;ESD
Species	Human
Expression Host	E.coli
Sequence	Met 1-Ala282
Accession	AAH01169
Calculated Molecular Weight	32.6 kDa
Observed molecular weight	31 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein 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 Tris-HCl, 10% Glycerol, pH 8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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

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