Recombinant Human Esterase D/ESD Protein (His Tag)

Catalog Number: PKSH032404

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

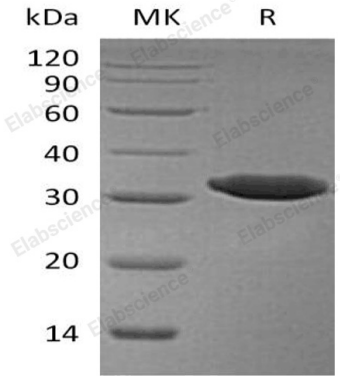
Description

Species	Human
Source	E.coli-derived Human Esterase D;ESD protein Met 1-Ala282, with an C-terminal His
Calculated MW	32.6 kDa
Observed MW	31 kDa
Accession	AAH01169
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
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.

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