

Recombinant Full Length Human ESD Protein, C-Flag-tagged

Cat. No. ESD-1173HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ESD Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a serine hydrolase that belongs to the esterase D family. The encoded enzyme is active toward numerous substrates including O-acetylated sialic acids, and it may be involved in the recycling of sialic acids. This gene is used as a genetic marker for retinoblastoma and Wilson's disease.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.3 kDa
AA Sequence	MALKQISSNKCFFGLQKVFEHDSVELNCKMKFAVYLPPKAETGKCPALYWLSGLTC TEQNFISKSGYHQS ASEHGLVVIAPDTSPRGCNIGEDSWDFGTGAGFYVDATED PWKTNYRMYSYVTEELPQLINANFPVDP QRMSIFGHSMGGHGALICALKNPGKYKS VSAFAPICNPVLCPPWGKKAFFSGYLGTDQSKWKAYDATHLVKS YPGSQLDILIDQGK DDQFLLDGQLLPDNFIAACTEKKIPVVFRLQEDYDHSYYFIATFITDHIRHHAKYL NATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

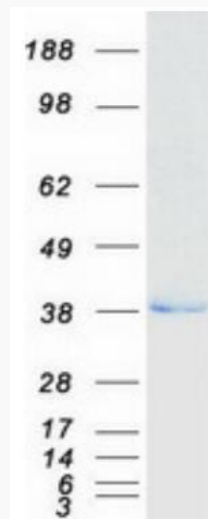
GENE INFORMATION

Gene Name	ESD esterase D [Homo sapiens (human)]
Official Symbol	ESD
Synonyms	FGH
Gene ID	2098
mRNA Refseq	NM_001984.2
Protein Refseq	NP_001975.1
MIM	133280
UniProt ID	P10768

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Coomassie blue staining of purified ESD protein.

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