

Recombinant Human ESD Protein

Cat. No. ESD-2223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ESD protein, was expressed in E. coli
Species	Human
Source	E.coli
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. [provided by RefSeq, Feb 2009]
Form	20 mM Tris-HCl, 10% Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	32.5 kDa
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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