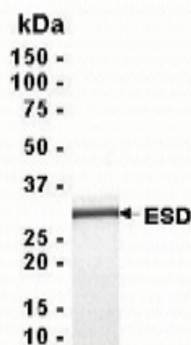


ESD

Recombinant Human Esterase D

Catalog No.	CRE121	Quantity:	50 µg
Alternate Names:	S-formylglutathione hydrolase, FGH, Methylumbelliferyl-acetate deacetylase		
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 in cytoplasmic vesicles. A carboxylic ester + H ₂ O = an alcohol + a carboxylic anion. There are two major electrophoretic isotypes. This gene is used as a genetic marker for retinoblastoma and Wilson's disease.		
UniProt ID:	P10768		
Gene ID:	2098		
Source:	<i>E. coli</i>		
Molecular Weight:	32.4 kDa (aa 1-282)		
Formulation:	10 mM Tris, pH 8.0 containing 0.1% Triton X-100 and 0.002% NaN ₃ .		
Purity:	> 95% by SDS-PAGE		
Applications:	Western blot, ELISA, Mass Spectrometry		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, store single use aliquots at -80°C.		

4-20% gradient SDS-PAGE
Coomassie blue staining.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.