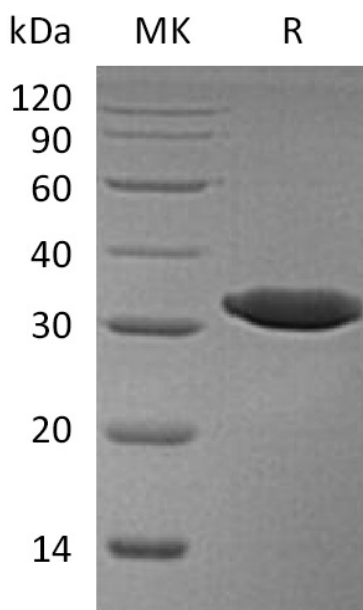


**Product Name: Recombinant Human Esterase D (C-6His)**  
**Catalog #: PEH0654**

## Summary

<b>Name</b>	FGH/Esterase D/ESD
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Esterase D is produced by our E.coli expression system and the target gene encoding Met1-Ala282 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	AAH01169
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	32.59 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 8.0.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



**Product Name: Recombinant Human Esterase D (C-6His)**  
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### **Alternative Names**

S-Formylglutathione Hydrolase; FGH; Esterase D; Methylumbelliferyl-Acetate Deacetylase; ESD

### **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.

### **Note**

For Research Use Only , Not for Diagnostic Use.