

Esterase D,S-Formylglutathione Hydrolase Human Recombinant

Item Number	rAP-1091
Synonyms	S-formylglutathione hydrolase, FGH, Esterase D, ESD, FLJ11763, esterase D/formylglutathione hydrolase.
Description	Esterase-D Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 302 amino acids (1-282 a.a.) and having a molecular mass of 33.6kDa. The Esterase-D is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10768
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MALKQISSNK CFGGLQKVFE HDSVELNCKM KFAVYLPPKA ETGKCPALYW LSGLTCTEQN FISKSGYHQS ASEHGLVIA PDTSPRGCNI KGEDESWDFG TGAG- FYVDAT EDPWKNTYRM YSYVTEELPQ LINANFPVDP QRMSIFGHSM GGHGALICAL KNPGKYKSVS AFAPICNPVL CPWGKKA FSG YLGT DQSKWK AYDATHLVKS YPGSQLDILI DQGDQDFLL DGQLLPDN- FI AACTEKKIPV VFRLQEDYDH SYYFIATFIT DHIRHHAKYL NA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The Esterase-D solution contains 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**