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Product datasheet for AR09273PU-N

Esterase D (ESD) (1-282, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Esterase D (ESD) (1-282, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MALKQISSNK CFGGLQKVFE HDSVELNCKM KFAVYLPPKA ETGKCPALYW LSGLTCTEQN FISKSGYHQS ASEHGLVVIA PDTSPRGCNI KGEDESWDFG TGAGFYVDAT EDPWKTNYRM YSYVTEELPQ LINANFPVDP QRMSIFGHSM GGHGALICAL KNPGKYKSVS AFAPICNPVL CPWGKKAFSG YLGTDQSKWK AYDATHLVKS YPGSQLDILI DQGKDDQFLL DGQLLPDNFI AACTEKKIPV VFRLQEDYDH SYYFIATFIT DHIRHHAKYL NA
Tag:	His-tag
Predicted MW:	33.6 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Esterase D protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001975
Locus ID:	2098
UniProt ID:	P10768, A0A140VJJ2
Cytogenetics:	13q14.2
Synonyms:	FGH

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Summary: 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]

Product images: