

Recombinant Human PCED1A Protein, GST/His-tagged

Cat. No. PCED1A-539H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PCED1A protein, fused to GST at N-terminus and His at C-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is a member of the GDSL/SGNH superfamily. Members of this family are hydrolytic enzymes with esterase and lipase activity and broad substrate specificity. This protein belongs to the Pmr5-Cas1p-esterase subfamily in that it contains the catalytic triad comprised of serine, aspartate and histidine and lacks two conserved regions (glycine after strand S2 and GxND motif). A pseudogene of this gene has been identified on the long arm of chromosome 2. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Sep 2012].
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Molecular Mass	79.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PC-esterase domain containing 1A[Homo sapiens]
Official Symbol	PCED1A
Synonyms	bA12M19.1; C20orf81; FAM113A
Gene ID	64773
mRNA Refseq	NM_001271168.1
Protein Refseq	NP_001258097.1
UniProt ID	Q9H1Q7

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