

#### OriGene Technologies, Inc.

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# Product datasheet for TP761401

# FAM113A (PCED1A) (NM\_022760) Human Recombinant Protein

# **Product data:**

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human family with sequence similarity 113, member A (FAM113A), full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length FAM113A
Tag:	N-GST and C-His
Predicted MW:	79.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
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Stability:	Store at -80°C. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
•	Stable for 12 months from the date of receipt of the product under proper storage and
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Stability: RefSeq:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_073597</u>
Stability: RefSeq: Locus ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_073597</u> 64773
Stability: RefSeq: Locus ID: UniProt ID:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_073597</u> 64773 <u>Q9H1Q7</u>
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_073597</u> 64773 <u>Q9H1Q7</u> 2041
Stability: RefSeq: Locus ID: UniProt ID: RefSeq Size: Cytogenetics:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. <u>NP_073597</u> 64773 <u>Q9H1Q7</u> 2041 20p13



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### SAM113A (PCED1A) (NM\_022760) Human Recombinant Protein – TP761401

Summary:The protein encoded by this gene is a member of the GDSL/SGNH superfamily. Members of<br/>this family are hydrolytic enzymes with esterase and lipase activity and broad substrate<br/>specificity. This protein belongs to the Pmr5-Cas1p-esterase subfamily in that it contains the<br/>catalytic triad comprised of serine, aspartate and histidine and lacks two conserved regions<br/>(glycine after strand S2 and GxND motif). A pseudogene of this gene has been identified on<br/>the long arm of chromosome 2. Alternative splicing results in multiple transcript variants that<br/>encode different protein isoforms. [provided by RefSeq, Sep 2012]

# **Product images:**

116 — 66 — 45 — 35 — 25 — 18 <u>—</u> 14 —

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