

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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_073597
Locus ID:	64773
UniProt ID:	Q9H1Q7
RefSeq Size:	2041
Cytogenetics:	20p13
RefSeq ORF:	1362
Synonyms:	bA12M19.1; C20orf81; FAM113A



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Summary:

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]

Product images: