

## Product datasheet for **TP760118**

### **PHYHD1 (NM\_174933) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human phytanoyl-CoA dioxygenase domain containing 1 (PHYHD1), transcript variant 2, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length PHYHD1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	32.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_777593</a>
<b>Locus ID:</b>	254295
<b>UniProt ID:</b>	<a href="#">Q5SRE7</a> , <a href="#">A0A024R893</a>
<b>RefSeq Size:</b>	2133
<b>Cytogenetics:</b>	9q34.11
<b>RefSeq ORF:</b>	891
<b>Summary:</b>	Isoform 1 has alpha-ketoglutarate-dependent dioxygenase activity. Does not show detectable activity towards fatty acid CoA thioesters. Is not expected to be active with phytanoyl CoA. Isoform 2 and isoform 3 probably lack enzyme activity.[UniProtKB/Swiss-Prot Function]



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**Product images:**

