

# Recombinant Full Length Human EHD1 Protein, GST-tagged

Cat. No. EHD1-4316HF    Lot. No. (See product label)

## SPECIFICATION

**Product Overview**      Human EHD1 full-length ORF (1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

**Species**                      Human

**Source**                        In Vitro Cell Free System

**Protein Length**            317 amino acids

**Description**                This gene belongs to a highly conserved gene family encoding EPS15 homology (EH) domain-containing proteins. The protein-binding EH domain was first noted in EPS15, a substrate for the epidermal growth factor receptor. The EH domain has been shown to be an important motif in proteins involved in protein-protein interactions and in intracellular sorting. The protein encoded by this gene is thought to play a role in the endocytosis of IGF1 receptors. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Sep 2013]

**Molecular Mass**            62.6 kDa

**AA Sequence**                MFSWVSKDARRKKEPELFQTVAEGLRQLYAQKLLPLEEHYRFHEFHSPALEDADFD  
 NKPMVLLVGQYSTGKTTFFIRHLIEQDLFKDIQSLPRNAALRKLNDLIKRRARLAKVHAYII  
 SSLKKEMPNVFGKESKKKELVNNLGEIYQKIEREHQISPGDFPSLRKMQELLQTQDF  
 SKFQALKPKLLDVTDDMLANDIARLMVMVRQEESLMPSQVVKGGAFDGTMMNGPFG  
 HGYGEIFYTLSPVNGKITGANAKKEMVKSCLPNTVLGKIWKLADVDKDGLLDDEEFA  
 LANHLIKVKLEGHELPADLPPHLVPPSKRRHE

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<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	EHD1 EH-domain containing 1 [ Homo sapiens ]
<b>Official Symbol</b>	EHD1
<b>Synonyms</b>	EHD1; EH-domain containing 1; PAST1; EH domain-containing protein 1; FLJ42622; FLJ44618; H PAST; HPAST1; testilin; PAST homolog 1; PAST; H-PAST;
<b>Gene ID</b>	10938
<b>mRNA Refseq</b>	NM_006795
<b>Protein Refseq</b>	NP_006786
<b>MIM</b>	605888
<b>UniProt ID</b>	Q9H4M9

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