

Recombinant Human EHD1, GST-tagged

Cat. No. EHD1-12332H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EHD1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	353-422a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	EHD1 EH-domain containing 1 [Homo sapiens]
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Official Symbol	EHD1
Synonyms	EHD1; EH-domain containing 1; PAST1; EH domain-containing protein 1; FLJ42622; FLJ44618; H PAST; HPAST1; testilin; PAST homolog 1; PAST; H-PAST;
Gene ID	10938
mRNA Refseq	NM_006795
Protein Refseq	NP_006786
MIM	605888
UniProt ID	Q9H4M9
Chromosome Location	11q13
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem;
Function	ATP binding; GTP binding; GTPase activity; calcium ion binding; nucleotide binding; protein binding;