

Recombinant Full Length Human HAND2 Protein, GST-tagged

Cat. No. HAND2-3350HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HAND2 full-length ORF (AAI01407.1, 1 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	180 amino acids
Description	The protein encoded by this gene belongs to the basic helix-loop-helix family of transcription factors. This gene product is one of two closely related family members, the HAND proteins, which are asymmetrically expressed in the developing ventricular chambers and play an essential role in cardiac morphogenesis. Working in a complementary fashion, they function in the formation of the right ventricle and aortic arch arteries, implicating them as mediators of congenital heart disease. In addition, this transcription factor plays an important role in limb and branchial arch development. [provided by RefSeq]
Molecular Mass	46.7 kDa
AA Sequence	MSLVGGFPHHPVVHHEGYPFAAAAAASRCSHEENPYFHGWLIGHPEMSPPDYSMA LSYSPEYASGTANRKERRRRTQSINSAFAELRECIPNVPADTKLSKIKTLRLATSYYIAYL MDLLAKDDQNGEAEAFKAEIKKTDVKEEKRRKKELNEILKSTVSSNDKKTGRTGWP QHVWALELKQ

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HAND2 heart and neural crest derivatives expressed 2 [Homo sapiens]
Official Symbol	HAND2
Synonyms	HAND2; heart and neural crest derivatives expressed 2; heart- and neural crest derivatives-expressed protein 2; bHLHa26; dHand; Hed; Thing2; class A basic helix-loop-helix protein 26; basic helix-loop-helix transcription factor HAND2; deciduum, heart, autonomic nervous system and neural crest derivatives-expressed protein 2; DHAND2; FLJ16260; MGC125303; MGC125304;
Gene ID	9464
mRNA Refseq	NM_021973
Protein Refseq	NP_068808
MIM	602407

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UniProt ID

P61296

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