

Recombinant Human ZIM2 Protein, HIS-tagged

Cat. No. ZIM2-056H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZIM2, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	In human, ZIM2 and PEG3 (GeneID:5178) are two distinct genes that share a set of 5' exons and have a common promoter, and both genes are paternally expressed. Alternative splicing events connect the shared exons either with the remaining 4 exons unique to ZIM2, or with the remaining 2 exons unique to PEG3. This is in contrast to mouse and cow, where ZIM2 and PEG3 genes do not share exons in common, and the imprinting status of ZIM2 is also not conserved amongst mammals. Additional 5' alternatively spliced transcripts encoding the same protein have been found for the human ZIM2 gene.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	61 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	ZIM2 zinc finger, imprinted 2 [Homo sapiens]
Official Symbol	ZIM2
Synonyms	ZIM2; zinc finger, imprinted 2; zinc finger imprinted 2; ZNF656; zinc finger protein 656;
Gene ID	23619
mRNA Refseq	NM_001146326
Protein Refseq	NP_001139798
UniProt ID	Q9NZV7

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