Recombinant Human ZIC1

Cat. No. ZIC1-31656TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 2-95 of Human Zic1 with a proprietary tag: Predicted MWt 35.97 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	94 amino acids
Description	This gene encodes a member of the ZIC family of C2H2-type zinc finger proteins. Members of this family are important during development. Aberrant expression of this gene is seen in medulloblastoma, a childhood brain tumor. This gene is closely linked to the gene encoding zinc finger protein of the cerebellum 4, a related family member on chromosome 3. This gene encodes a transcription factor that can bind and transactivate the apolipoprotein E gene.
Molecular Weight	35.970kDa inclusive of tags
Tissue specificity	CNS. A high level expression is seen in the cerebellum. Detected in the nuclei of the cerebellar granule cell lineage from the progenitor cells of the external germinal layer to the postmigrated cells of the internal granular layer. Detected in medullobla
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	LLDAGPQYPAIGVTTFGASRHHSAGDVAERDVGLGINPFADGMGAFKLNPSSHELA SAGQTAFTSQAPGYAAAAALGHHHHPGHVGSYSSAAFN
Sequence Similarities	Belongs to the GLI C2H2-type zinc-finger protein family.Contains 5 C2H2-type zinc fingers.

GENE INFORMATION

Gene Name	ZIC1 Zic family member 1 [Homo sapiens]
Official Symbol	ZIC1
Synonyms	ZIC1; Zic family member 1; Zic family member 1 (odd paired Drosophila homolog) , Zic family member 1 (odd paired homolog, Drosophila); zinc finger protein ZIC 1; ZIC; ZNF201;
Gene ID	7545
mRNA Refseq	NM_003412
Protein Refseq	NP_003403
MIM	600470
Uniprot ID	Q15915

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Chromosome Location	3q24
Function	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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