Recombinant Human IGF2BP3 protein, His-tagged

Cat. No. IGF2BP3-17H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGF2BP3(Asn2-Lys579) fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-579 a.a.
Description	The protein encoded by this gene is primarily found in the nucleolus, where it can bind to the 5' UTR of the insulin-like growth factor II leader 3 mRNA and may repress translation of insulin-like growth factor II during late development. The encoded protein contains several KH domains, which are important in RNA binding and are known to be involved in RNA synthesis and metabolism. A pseudogene exists on chromosome 7, and there are putative pseudogenes on other chromosomes.
Form	Supplied as a 0.2 μm filtered solution in 6 M urea, 10 mM Tris-HCl (pH 8.0), 35 mM imidazole.
Molecular Mass	66 kDa
Purity	>90%
Applications	ELISA, EIA, protein-protein interaction studies, Western Blotting, Dot Blotting, Immunoprecipitation, Protein Array

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Storage	Upon arrival, the protein may be stored for 2 weeks at 4 centigrade. For long term storage, it is recommended to store at -20 centigrade or -80 centigrade in appropriate aliquots. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	IGF2BP3 insulin-like growth factor 2 mRNA binding protein 3 [Homo sapiens]
Official Symbol	IGF2BP3
Synonyms	IGF2BP3; insulin-like growth factor 2 mRNA binding protein 3; insulin-like growth factor 2 mRNA-binding protein 3; cancer/testis antigen 98; CT98; IGF II mRNA binding protein 3; IMP 3; hKOC; VICKZ family member 3; IGF2 mRNA-binding protein 3; IGF-II mRNA-binding protein 3; KH domain containing protein overexpressed in cancer; KH domain-containing protein overexpressed in cancer; IMP3; KOC1; IMP-3; VICKZ3; DKFZp686F1078;
Gene ID	10643
mRNA Refseq	NM_006547
Protein Refseq	NP_006538
MIM	608259
UniProt ID	O00425
Chromosome Location	7p15.3
Pathway	Binding of RNA by Insulin-like Growth Factor-2 mRNA Binding Proteins

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	(IGF2BPs/IMPs/VICKZs), organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;
Function	RNA binding; mRNA 3-UTR binding; mRNA 5-UTR binding; nucleotide binding; protein binding; translation regulator activity;

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