

Recombinant Full Length Human IGF2BP1 Protein, N-Flag-tagged

Cat. No. IGF2BP1-13HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IGF2BP1 Protein, fused to Flag-tag at N-terminus, was expressed in Baculovirus.
Species	Human
Source	Insect Cells
Description	This gene encodes a member of the insulin-like growth factor 2 mRNA-binding protein family. The protein encoded by this gene contains four K homology domains and two RNA recognition motifs. It functions by binding to the mRNAs of certain genes, including insulin-like growth factor 2, beta-actin and beta-transducin repeat-containing protein, and regulating their translation. Two transcript variants encoding different isoforms have been found for this gene.
Form	Recombinant IGF2BP1 protein is supplied in 25 mM HEPES-NaOH pH 7.5, 300 mM NaCl, 10% glycerol, 0.04% Triton X-100, and 0.5 mM TCEP.
Molecular Mass	64.8 kDa
Purity	>78%
Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 centigrade to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. This product is guaranteed for 6 months from date of arrival.

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Concentration 0.4 g/μ

Full Length Full L.

GENE INFORMATION

Gene Name IGF2BP1 insulin like growth factor 2 mRNA binding protein 1 [Homo sapiens (human)]

Official Symbol IGF2BP1

Synonyms IMP1; ZBP1; CRDBP; IMP-1; CRD-BP; VICKZ1

Gene ID 10642

mRNA Refseq NM_006546.4

Protein Refseq NP_006537.3

MIM 608288

UniProt ID Q9NZI8

HTRF for IGF2BP1 activity.

1 μM ACTB zipcode ssDNA (1212-1313) was incubated with different concentrations of IGF2BP1 protein in a 10 μl reaction system containing 50 mM HEPES-NaOH pH 7.5, 0.1% BSA for 1 hour, then 10 μl anti-FLAG antibody and SA-XL665 mixture (1:100 dilution in the same buffer) was added to each reaction system and incubated for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection.

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HTRF for IGF2BP1 activity.

1 μ M ACTB zipcode ssDNA (1212-1313) was incubated with different concentrations of IGF2BP1 protein in a 10 μ l reaction system containing 50 mM HEPES-NaOH pH 7.5, 0.1% BSA for 1 hour, then 10 μ l anti-FLAG antibody and SA-XL665 mixture (1:100 dilution in the same buffer) was added to each reaction system and incubated for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection.

SDS-PAGE

10% SDS-PAGE with Coomassie blue staining.

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