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Datasheet for ABIN7318593

IGF2BP2 Protein (His tag,T7 tag)

Overview

Quantity:	50 µg
Target:	IGF2BP2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGF2BP2 protein is labelled with His tag,T7 tag.

Product Details

Purpose:	Recombinant Human IGF2BP2 Protein (His Tag, N-T7 Tag)
Sequence:	Met 1-Thr 220
Characteristics:	Recombinant Human Insulin-Like Growth Factor 2 mRNA-Binding Protein 2 is produced by our E.coli expression system and the target gene encoding Met1-Thr220 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.
Purity:	> 80 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IGF2BP2
Alternative Name:	IGF2BP2 (IGF2BP2 Products)
Background:	Background: Insulin-Like Growth Factor 2 mRNA-Binding Protein 2 (IGFBP2) belongs to the RRM IMP/VICKZ family. IGFBP2 is a cytoplasmic protein and contains four KH domains and

Target Details

two RRM (RNA recognition motif) domains. IGF2BP2 binds to the 5'-UTR of the Insulin-Like Growth Factor 2 (IGF2) mRNA. This binding is isoform-specific. IGF2BP2 may regulate translation of target mRNAs. Genetic variation at the IGF2BP2 gene has been associated with type 2 diabetes (T2D) by genome-wide association studies and by replication analyses.

Synonym: Insulin-Like Growth Factor 2 mRNA-Binding Protein 2, IGF2 mRNA-Binding Protein 2, IMP-2, Hepatocellular Carcinoma Autoantigen p62, IGF-II mRNA-Binding Protein 2, VICKZ Family Member 2, IGF2BP2, IMP2, VICKZ2

Molecular Weight: 27.2 kDa

UniProt: [Q9Y6M1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.