# Recombinant Human IGF2BP2 protein, His & T7-tagged

**Cat. No.** IGF2BP2-1862H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human IGF2BP2 aa. (Ser141~Pro384 (Accession # Q9Y6M1)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Ser141~Pro384 |
| **Description** | This gene encodes a protein that binds the 5' UTR of insulin-like growth factor 2 (IGF2) mRNA and regulates its translation. It plays an important role in metabolism and variation in this gene is associated with susceptibility to diabetes. Alternative splicing and promoter usage results in multiple transcript variants. Related pseudogenes are found on several chromosomes. |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 30.5kDa |
| **Endotoxin** | <1.0EU per 1ug (determined by the LAL method) |
| **Purity** | >95% |
| **Applications** | SDS-PAGE; WB; ELISA; IP. |

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| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Storage buffer** | Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl. |
| **Reconstitution** | Reconstitute in sterile PBS, pH7.2-pH7.4. |
| **Isoelectric Point** | 6.9 |

## GENE INFORMATION

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| **Gene Name** | IGF2BP2 insulin like growth factor 2 mRNA binding protein 2 [ Homo sapiens (human) ] |
| **Official Symbol** | IGF2BP2 |
| **Synonyms** | IGF2BP2; insulin like growth factor 2 mRNA binding protein 2; IMP2; IMP-2; VICKZ2; insulin-like growth factor 2 mRNA-binding protein 2; IGF-II mRNA-binding protein 2; IGF2 mRNA-binding protein 2; VICKZ family member 2 |
| **Gene ID** | 10644 |
| **mRNA Refseq** | NM_001007225.2 |
| **Protein Refseq** | NP_001007226.1 |

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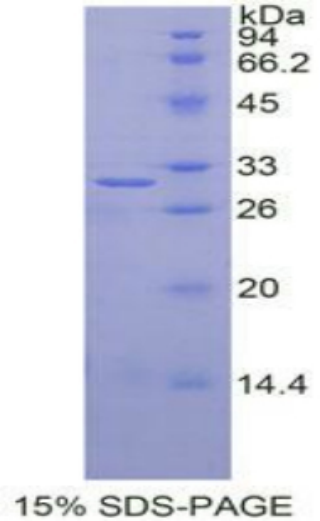
| **UniProt ID** | Q9Y6M1 |
| **SDS-PAGE** |  |



15% SDS-PAGE

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