



Recombinant Protein Technical Manual

Recombinant Human IGF2BP2 Protein (His Tag, N-T7 Tag) RPES0952

Product Data:

Product SKU: RPES0952

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9Y6M1

Protein Information:

Molecular Mass: 27.2 kDa

AP Molecular Mass: 43 kDa

Tag: C-6His

Bio-activity:

Purity: > 80 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

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

Application:

Synonyms: 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

Immunogen Information:

Sequence: Met 1-Thr 220

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 two RRM (RNA recognition motif) domains. IGFBP2 binds to the 5'-UTR of the Insulin-Like Growth Factor 2 (IGF2) mRNA. This binding is isoform-specific. IGFBP2 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.