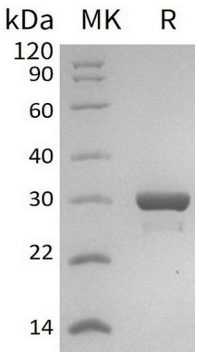
Product Name: Recombinant Human IGF2BP-2 (N-T7 ,C-6His)
Catalog #: PEH0941

Summary

Name	IMP2/IGF2 mRNA-binding protein 2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9Y6M1
Host	E.coli
Species	Human
Predicted Molecular Mass	27.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 15% Trehalose, 150mM NaCl, 0.1% Tween80, pH 8.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



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Background

Alternative Names	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
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. 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.

Note

For Research Use Only , Not for Diagnostic Use.