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Product datasheet for AR51811PU-S

IGFBP3 (28-291, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	IGFBP3 (28-291, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGASSAGLGP VVRCEPCDAR ALAQCAPPPA VCAELVREPG CGCCLTCALS EGQPCGIYTE RCGSGLRCQP SPDEARPLQA LLDGRGLCVN ASAVSRLRAY LLPAPPAPGN ASESEEDRSA GSVESPSVSS THRVSDPKFH PLHSKIIIIK KGHAKDSQRY KVDYESQSTD TQNFSSESKR ETEYGPCRRE MEDTLNHLKF LNVLSPRGVH IPNCDKKGFY KKKQCRPSKG RKRGFCWCVD KYGQPLPGYT TKGKEDVHCY SMQSK
Tag:	His-tag
Predicted MW:	31 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IGFBP3, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000589
Locus ID:	3486
UniProt ID:	P17936, B3KPF0
Cytogenetics:	7p12.3
Synonyms:	BP-53; IBP3

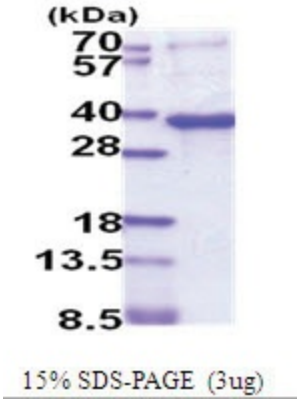
View online »

Summary: This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: p53 signaling pathway

Product images:



15% SDS-PAGE (3ug)