

Product Datasheet

RecombinantIGF-BP-2,His,Human (orb1494645)

Description	IGF-BP-2,also known as Insulin-like growth factor-binding protein 2, IBP-2 and BP-2, is a cysteine-rich secreted protein belonging to the IGF-binding protein superfamily. It is expressed by the central nervous system, bone cells and reproductive tissues. IGF-BP-2 binds to both IGF-I and IGF-II, with a much higher binding affinity to IGF-II than IGF-I. IGF-BP-2 has been shown to inhibitand stimulate the growth promoting effects of IGFs, thus serving as a regulator for IGF distribution, function and activity.
Endotoxins	< 0.2 EU/μg, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant human IGF-BP-2, Hisremains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, human IGF-BP-2, His should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH2O or PBS at 100 μg/ml.
Protein Sequence	FRCPPCTPERLAACGPPPVAPPAAVAAVAGGARMPCAELVREPGCGCCSVCARLEGEACG VYTPRCGQGLRCYPHPGSEL PLQALVMGEGTCEKRRDAEYGASPEQVADNGDDHSEGGLVENHVDSTMNMLGGGGSAG RKPLKSGMKELAVFREKVTEQH RQMGKGGKHHLGLEEPKKLRPPPARTPCQQELDQVLERISTMRLPDERGPLEHLYSLHIPN CDKHGLYNLKQCKMSLNGQ RGECWCVPNPNTGKLIQGAPTIRGDPECHLFYNEQQEARGVHTQRMQHHHHHH
Purity	> 95% as analyzed by SDS-PAGE.
Source	HEK 293
MW	6-20 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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