Human IGFBP-6, Tag Free Protein

HA211086

Product name:	Human IGFBP-6, Tag Free
Species reactivity:	Human
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the human IGFBP-6 protein (P24592) (Arg 28-Gly 240) was expressed with tag free.

Background: Insulin-like growth factor-binding protein 6 (IGFBP-6) is a protein that in humans is encoded by the IGFBP6 gene. IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. PTM:O-linked glycans consist of hexose (probably Gal), N-acetylhexosamine (probably GalNAc) and sialic acid residues. Major glycoforms consist of 8-16 monosaccharides (by homology to IGFBP6 expressed recombinantly in CHO cells). Contains 1 IGFBP N-terminal domain. Contains 1 thyroglobulin type-1 domain.

Purity: >95% as determined by SDS-PAGE.

Endotoxin: Less than 1.0 EU per μg by the LAL method.

Fragment region: IGFBP-6 (28-240)

Source: HEK293

Accession: P24592

Predicted molecular mass: 24.4 kD

Formulation: Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

Reconstitution: Reconstitute at 250 μg/ml in sterile water.

Storage: Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃ It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

Images

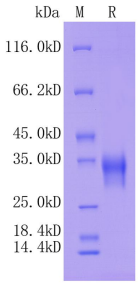

Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".