

RPES8292

Product Information

Product SKU: RPES8292	Expression Host: Mammalian	Size: 20µg
Tag: C-His	Reactivity: Human	Accession: P18065

Additional Information

Calculated MW: 31.7 kDa	Observed MW: 35 kDa
Sequence: Ala36-Gln325	

Protein Information

Background: The protein encoded by this gene is one of six similar proteins that bind insulin-like growth factors I and II (IGF-I and IGF-II). The encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with an high affinity, or it can remain intracellular, interacting with an many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene.

Synonyms: BP 2, BP2, IBP 2, IBP-2, IBP2, IGF binding protein 2, IGF BP53, IGF-binding protein 2, IGFBP 2, IGFBP-2, IGFBP2, IGFBP53, Insulin like growth factor binding protein 2 36kDa, Insulin like growth factor binding protein 2, Insulin like growth factor-binding protein 2 precursor , Insulin-like growth factor-binding protein 2

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, 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.

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