

CATALOGUE #: 8NGP4

PRODUCT NAME: Recombinant human Insulin-like growth factor binding protein 4, N-terminal fragment (NT-IGFBP-4)

Source: Expressed in a mammalian cell line

Description Amino-terminal fragment of insulin-like growth factor binding protein-4 (amino acid residues Asp22-Met156). Accession number UniProt P22692.

Does not contains any tags

Theoretical molecular weight 14 640 Da

Theoretical pI 6.32

Applications: Biochemical studies, mass NT-IGFBP4 standard, immunoassay standard and calibrator

Analysis: Purity $\geq 90\%$ (Tricine- SDS-PAGE)

Apparent molecular weight by SDS-PAGE is about 17 000 Da

Concentration is determined by Lowry method using BSA as a standard

Antibody pair IBP3 – IBP180 (Cat.# 4IGF4) is specific for Cat.# 8NGP4

Purification: Immunoaffinity purification

Presentation: Lyophilized from 20 mM Tris-HCl, 150 mM NaCl, pH 7.4

It is recommended to reconstitute this product with deionized water to its initial concentration.

Storage: Lyophilized -20°C (-15...-30 °C allowed)

Reconstituted -70 °C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

Material safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.