Recombinant TOB2 protein (His tag)

Catalog Number	547289
Synonyms	Protein Tob4; Transducer of erbB-2 2
Species	Human
Expression System	E. coli
Accession	Q14106
Molecular Weight	Predictes a molecular mass of 15.10 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 16 kDa band.

Product Information

Sequence Region	1-117
Form	Lyophilized powder
Formulation	Lyophilized from sterile PBS, pH 7.4
Purity	>87%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Endotoxin	Not tested.
Activity	Not tested.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Protein Construction	DNA encoding 1-117 aa (Q14106) were fused with 6His tag.

Storage & Handling

Reconstitution	Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Storage	Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Description

Description	Recombinant Human Protein Tob2 (Fragment 1-117) is a high-quality, soluble protein fragment designed for structural and functional studies. This product offers a stable and well-characterized unit ideal for investigating the anti-proliferative roles of Protein Tob2 in cell cycle regulation. Protein Tob2, also known as Transducer of erbB-2 2, is an anti-proliferative protein that plays a critical role in inhibiting cell cycle progression from the G0/G1 to S phases, thereby controlling cellular proliferation. It is localized in the cytoplasm, where it contributes to its regulatory functions in maintaining cell cycle homeostasis.