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Recombinant human FIBIN protein, N-Trx-His

Catalog Number:	bs-42187P
Concentration:	>1mg/ml
Species:	Human
AA Seq:	19-211/211
Predicted MW:	40.1 kDa
Tags:	N-Trx-His
Activity:	Not analyzed
Purity:	>90% as determined by SDS-PAGE
Purification:	AC
Form:	Lyophilized or Liquid
Storage:	20mM Tris-HCl (pH8.0). Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	FIBIN (Fin bud initiation factor homolog) is a 211 amino acid protein involved in fin initiation in zebrafish. The human homolog is encoded by a gene that maps to chromosome 11, which makes up around 4% of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and β thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11.

VALIDATION IMAGES

The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.