

Product datasheet for **TP761174**

P311 (NREP) (NM_004772) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chromosome 5 open reading frame 13 (C5orf13), transcript variant 1, full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length C5orf13
Tag:	N-His
Predicted MW:	7.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004763
Locus ID:	9315
UniProt ID:	Q16612
RefSeq Size:	2026
Cytogenetics:	5q22.1
RefSeq ORF:	204
Synonyms:	C5orf13; D4S114; P311; PRO1873; PTZ17; SEZ17



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Summary:

May have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration (By similarity). May also have functions in cellular differentiation (By similarity). Induces differentiation of fibroblast into myofibroblast and myofibroblast ameboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis (By similarity). Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3 (By similarity). May play a role in the regulation of alveolar generation.[UniProtKB/Swiss-Prot Function]

Product images: