

Product datasheet for **TP319533L**

ODF3 (NM_053280) Human Recombinant Protein

Product data:

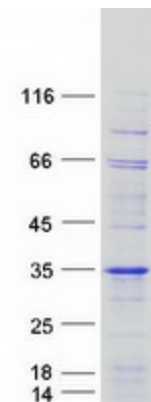
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human outer dense fiber of sperm tails 3 (ODF3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219533 protein sequence Red =Cloning site Green =Tags(s)
	 MTEEVWMGTWRPHRPRGPIMALYSSPGPKYLIPPTTGFMKHTPTKLRAPAYSFRGAPMLLAENCSPGPRY NVNPKILRTGKDLGPAYSILGRYQTKTMLTPGPGDYFPEKSTKYVFDSAPSHSISARTKAFRVDSTPGPA AYMLPMVMGPNTVGKASQPSFSIKGRSKLGGFSDDLHKTPGPAAYRQTDVVRVTKFKAPQYTMAARVEPPG DKTLKPGPGAHSPEKVTLTKPCAPVVTFGIKHSDYMTPLLVDVE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	27.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_444510
Locus ID:	113746
UniProt ID:	Q96PU9



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RefSeq Size:	1295
Cytogenetics:	11p15.5
RefSeq ORF:	762
Synonyms:	CT135; SHIPPO1; TISP50
Summary:	ODF3 is a component of sperm flagella outer dense fibers, which add stiffness, elastic recoil, and protection against shearing forces during sperm movement.[supplied by OMIM, Apr 2004]

Product images:



Coomassie blue staining of purified ODF3 protein (Cat# [TP319533]). The protein was produced from HEK293T cells transfected with ODF3 cDNA clone (Cat# [RC219533]) using MegaTran 2.0 (Cat# [TT210002]).