

## Product datasheet for TP318144

### C1orf172 (KDF1) (NM\_152365) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human chromosome 1 open reading frame 172 (C1orf172), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC218144 representing NM\_152365  
Red=Cloning site Green=Tags(s)

MPRPGHPRPASGPPRLGPWERPTELCLETYDKPPQPPSRRTRRPDKDPGHHGPESITFISGSAEPALE  
 SPTCCLLWRPWVWEWCRAAFCFRRCRDCLQRCGACVRGCSPLSTEDSTEGTAEANWAKEHNGVPPSPDR  
 APPSRRDGQRLKSTMGSSFSYPDVKLKGIPIVYPYPRATSPAPDADSCCKEPLADPPPMRHSPLSTFASSP  
 RGSEYYSFHESDLDPENMGSGSMSSREIDVLIFKKLTELFVHQIDELAKCTS DTVFLEKTSKISDLIS  
 SITQDYHLDEQDAEGR LVRGIIRISTRKSRARPQTSEGRSTRAAAPTAAAPDSGHETMVGSGLSQDELTV  
 QISQETTADAIARKLRPYGAPGY PASHDSSFQGTDTDSSGAPLLQVYC

TRTRPLEQKLISEEDLAANDILDYKDDDDDKV

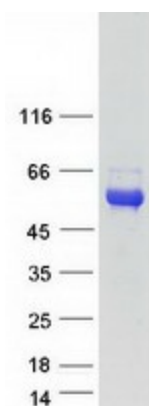
**Tag:** C-Myc/DDK  
**Predicted MW:** 43.5 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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\\_689578](#)  
**Locus ID:** 126695



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UniProt ID:	<u>Q8NAX2</u>
RefSeq Size:	1785
Cytogenetics:	1p36.11
RefSeq ORF:	1194
Synonyms:	C1orf172; ECTD12
Summary:	Plays a role in the regulation of the epidermis formation during early development. Required both as an inhibitor of basal cell proliferation and a promoter of differentiation of basal progenitor cell progeny (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified KDF1 protein (Cat# TP318144). The protein was produced from HEK293T cells transfected with KDF1 cDNA clone (Cat# [RC218144]) using MegaTran 2.0 (Cat# [TT210002]).