

Recombinant Human KDF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. KDF1-1927H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C1orf172 MS Standard C13 and N15-labeled recombinant protein (NP_689578) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	43.5 kDa
AA Sequence	MPRPGHPRPASGPPRLGPWERPTLCLETYDKPPQPPPSRRTRRPDPKDPGHHG PESITFISGSAEPALESPTCCLLWRPWVWEWCRAAFCFRRCRDCLQRCGACVRGC SPCLSTEDSTEGTAEANWAKEHNGVPPSPDRAPPSRRDGQRLKSTMGSSFSYPDV KLKGIPVYPYPRATSPAPDADSCCKEPLADPPPMRHSLPSTFASSPRGSEEYYSFHE SDLDLPEMGSGSMSSREIDVLIFKKLTFLSVHQIDELAKCTSDTVFLEKTSKISDLISS ITQDYHLDEQDAEGR LVRGIIRISTRKSRARPQTSEGRSTRAAAPATAAPDSGHETM VGSGLSQDELTVQISQETTADAIARKLRPYGAGYPASHDSSFQGTDTDSSGAPLLQ VYCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

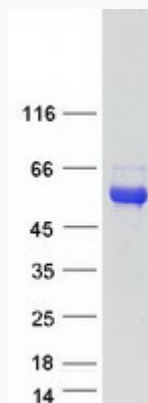
GENE INFORMATION

Gene Name	KDF1 keratinocyte differentiation factor 1 [Homo sapiens (human)]
Official Symbol	KDF1
Synonyms	KDF1; keratinocyte differentiation factor 1; ECTD12; C1orf172; keratinocyte differentiation factor 1; RP11-344H11.3
Gene ID	126695
mRNA Refseq	NM_152365
Protein Refseq	NP_689578
MIM	616758
UniProt ID	Q8NAX2

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SDS-PAGE

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