

Product datasheet for TP504029

Sgf29 (NM_029339) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SAGA complex associated factor 29 (Sgf29), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204029 protein sequence Red =Cloning site Green =Tags(s) MALVSADSRIAELLTELHQLIKQTQEERSRSEHNLVNIQK THERMQTENKISPYRTKLRGLYTTAKTDA EAECNILRKALDKIAEIKSLLEERRIAAKIAGLYNDSEPPRKTMRGVLMTLLQQSAMTLPLWIGKPGDK PPPLCGAIPASGDYVAKPGDKVAARVKAEGDEQWILAEVVSYSYSHATNKYEVD DIDEEGKERHTLSRRRI IPLPQWKANPETDPEALFQKDQLVLALYPQTTCFYRALIHTPPQRPQDDYSVLFEDTSYADGYSPLNVA QRYVVACKEPKKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33.3 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
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 after receiving vials.
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_083615
Locus ID:	75565
UniProt ID:	Q9DA08


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RefSeq Size:	1174
Cytogenetics:	7 F3
RefSeq ORF:	879
Synonyms:	1700023O11Rik; 9530025I05Rik; Ccdc101
Summary:	Chromatin reader component of some histone acetyltransferase (HAT) SAGA-type complexes like the TFTC-HAT, ATAC or STAGA complexes. SGF29 specifically recognizes and binds methylated 'Lys-4' of histone H3 (H3K4me), with a preference for trimethylated form (H3K4me3). In the SAGA-type complexes, SGF29 is required to recruit complexes to H3K4me. Involved in the response to endoplasmic reticulum (ER) stress by recruiting the SAGA complex to H3K4me, thereby promoting histone H3 acetylation and cell survival.[UniProtKB/Swiss-Prot Function]