

Recombinant Mouse Sgf29 Protein, Myc/DDK-tagged

Cat. No. Sgf29-5823M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SAGA complex associated factor 29 (Sgf29), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	33.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sgf29 SAGA complex associated factor 29 [*Mus musculus* (house mouse)]

Official Symbol Sgf29

Synonyms Sgf29; SAGA complex associated factor 29; Ccdc101; 1700023O11Rik; 9530025I05Rik; SAGA-associated factor 29; SAGA-associated factor 29 homolog; coiled-coil domain containing 101; coiled-coil domain-containing protein 101

Gene ID 75565

mRNA Refseq NM_029339

Protein Refseq NP_083615

UniProt ID Q9DA08

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