

## Cgas Knockout cell line (RAW 264.7)

Catalog Number: KO01077

Product Information	
Product Name	Cgas Knockout cell line (RAW 264.7)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
species	Mouse
Gene	Cgas
Gene ID	214763
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Parental Cell Line	RAW 264.7
Quality Control	Genotype: Cgas Knockout cell line (RAW 264.7) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	cyclic GMP-AMP synthase provided by MGI
Also known as	Mb21d1; E330016A19Rik
Gene Description	The protein encoded by this gene is a DNA binding cytosolic protein that catalyzes the synthesis of cyclic guanosine monophosphate-adenosine monophosphate (cGAMP) after sensing the presence of DNA in the cytoplasm. cGAMP binds another protein, Stimulator of interferon genes (STING), leading to the induction of interferons, and a host immune response. Reduced expression of this gene inhibits interferon induction in the presence of some viral infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Expression	Ubiquitous expression in limb E14.5 (RPKM 1.2), liver E18 (RPKM 0.8) and 27 other tissues See more