



# Recombinant Human Chorion-specific transcription factor GCMb (GCM2)

<b>Product Code</b>	CSB-YP009324HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75603
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MPAAAVQEAV GVCSYGMQLS WDINDPQMPQ ELALFDQFRE WPDGYVRFIY SSDEKKAQRH LSGWAMRNTN NHNGHILKKS CLGVVCTQA CTLPDGSRLQ LRPAICDKAR LKQQKKACPN CHSALELIPC RGHSGYPVTN FWRLDGNAIF FQAKGVHDHP RPESKSETEA RRSIAKRQMA SFYQPQKKRI RESEAEENQD SSGHFSNIPP LENPEDFDIV TETSFPIPGQ PCPSFPKSDV YKATCDLATF QGDKMPPFQK YSSPRIYLPR PPCSYELANP GYTNSSPYPT LYKDSTSIPN DTDWVHLNLT QCNVNSYSSY ERSFDFTNKQ HGWKPALGKP SLVERTNHGQ FQAMATRPYY NPELPCRYLT TPPPAPALQ TVITTTTKVS YQAYQPPAMK YSDSVREVKS LSSCNYPED TGMSVYPEPW GPPVTVTRAA SPSGPPPMKI AGDCRAIRPT VAIPHEPVSS RTDEAETWDV CLSGLGSAVS YSDRVGPFFT YNNEDF
<b>Source</b>	Yeast
<b>Target Names</b>	GCM2
<b>Protein Names</b>	Recommended name: Chorion-specific transcription factor GCMb Short name=hGCMb Alternative name(s): GCM motif protein 2 Glial cells missing homolog 2
<b>Expression Region</b>	1-506
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene is a homolog of the Drosophila glial cells missing gene, which is thought to act as a binary switch between neuronal and glial cell determination. This protein contains a conserved N-terminal GCM motif that has DNA-binding activity. The protein is a transcription factor that acts as a master regulator of parathyroid development. It has been suggested that this transcription factor might mediate the effect of calcium on parathyroid hormone expression and secretion in parathyroid cells. Mutations in this gene are associated with hypoparathyroidism.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.