

Product datasheet for **SC305786**

GATA5 (NM_080473) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GATA5 (NM_080473) Human Untagged Clone
Tag:	Tag Free
Symbol:	GATA5
Synonyms:	bB379O24.1; CHTD5; GATAS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_080473.3](#), [NP_536721.1](#)

RefSeq Size: 2630 bp

RefSeq ORF: 1194 bp

Locus ID: 140628

UniProt ID: [Q9BWX5](#)

Cytogenetics: 20q13.33

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. [provided by RefSeq, Jul 2008]