antibodies

Datasheet for ABIN5505649 GSC2 Protein (His tag)

Image

Target Details



Overview

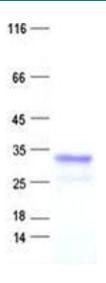
Quantity:	50 µg
Target:	GSC2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GSC2 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Purified recombinant protein of Human goosecoid homeobox 2 (GSC2), full length, with N-terminal HIS tag, expressed in E. coli, 50 µg (full length, N-term HIS tag) protein expressed in E.coli. Produced with end-sequenced ORF clone
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target:GSC2Alternative Name:goosecoid homeobox 2 (GSC2 Products)Background:Goosecoidlike (GSCL), a homeodomain-containing gene, resides in the critical region for
VCFS/DGS on 22q11. Velocardiofacial syndrome (VCFS) is a developmental disorder

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Target Details

	characterized by conotruncal heart defects, craniofacial anomalies, and learning disabilities. VCFS is phenotypically related to DiGeorge syndrome (DGS) and both syndromes are associated with hemizygous 22q11 deletions. Because many of the tissues and structures affected in VCFS/DGS derive from the pharyngeal arches of the developing embryo, it is believed that haploinsufficiency of a gene involved in embryonic development may be responsible for its etiology. The gene is expressed in a limited number of adult tissues, as well
	as in early human development.
Molecular Weight:	21.4 kDa
NCBI Accession:	NP_005306
Application Details	
Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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