

Full-Length

## GSC2 (Human) Recombinant Protein (P01)

Catalog # H00002928-P01

Size 50 ug

### Specification

<b>Product Description</b>	Human GSC2 full-length ORF ( NP_005306.1, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MAAAAGGAASRRGAGRPCPFSIEHILSSLPERSLPARAACPPQPAGRQSPAKPEEPGAPEAAP CACCCCCGPRAAPCGPPEAAAGLGARLAWPLRLGPAVPLSLGAPAGGSGALPGAVGPGSQRR TRRHRTIFSEEQLQALEALFVQNQYPDVSTRERLAGRIRLREERVEVWFKNRRAKWRHQKRASA SARLLPGVKKSPKGGSC
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	48.95
<b>Interspecies Antigen Sequence</b>	Rat (72)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

## Gene Info — GSC2

Entrez GeneID	<a href="#">2928</a>
GeneBank Accession#	<a href="#">NM_005315.1</a>
Protein Accession#	<a href="#">NP_005306.1</a>
Gene Name	GSC2
Gene Alias	GSCL
Gene Description	goosecoid homeobox 2
Omim ID	<a href="#">601845</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>Goosecoidlike (GSCL), a homeodomain-containing gene, resides in the critical region for VCFS/DGS on 22q11. Velocardiofacial syndrome (VCFS) is a developmental disorder 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. [provided by RefSeq]</p>
Other Designations	goosecoid-like