

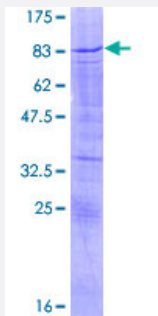
Full-Length

SOX30 (Human) Recombinant Protein (P02)

Catalog # H00011063-P02

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SOX30 full-length ORF (NP_008948.1, 1 a.a. - 501 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MERARPEPPPQPRPLRPAPPPLPVEGTSFWAAAMEPPPSSPTLSAAASATLASSCGEAVASGL
QPAVRRLLQVKPEQVLLLPQQAQNEEAASSAQARLLQFRPDLRLQPPTASDGATSRPELHP
VQPLALHVKAKKQKLGPSLDQSVGPRGAVETGPRASRVVKLEGPGPALGYFRGDEKGGLEAEE
VMRDSMQGGAGKSPAAREGVKTEEPERLLEDCLGAEPASNGLVHGSAEVLAPTSGAFGPH
QQDLRIPLTLHTVPPGARIQFQGAPPSELIRLTKVPLTPVPTKMQSLLLEPSVKIETKDVPLTVLP
AGIPDTPFSKDRNGHVKRPMNAFMVWARIHRPALAKANPAANNAEISVQLGLEWNKLSEEQKKP
YYDEAQKIKEKHREEFPGWVYQPRPGKRKRFLSVSNVFSGTTQNIISTNPTTVYPYRSPTYSVVIP
SLQNPITHPVVHALTVGLPLAMEIFRVQCQNALVIMKTGTQNMVRSFQL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.7

Interspecies Antigen Sequence

Mouse (75)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — SOX30

Entrez GeneID	11063
----------------------	-----------------------

GeneBank Accession#	NM_007017.2
----------------------------	-----------------------------

Protein Accession#	NP_008948.1
---------------------------	-----------------------------

Gene Name	SOX30
------------------	-------

Gene Alias	-
-------------------	---

Gene Description	SRY (sex determining region Y)-box 30
-------------------------	---------------------------------------

Omim ID	606698
----------------	------------------------

Gene Ontology	Hyperlink
----------------------	---------------------------

Gene Summary	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may be involved in the differentiation of developing male germ cells. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
---------------------	--

Other Designations	Sox30 protein type II
---------------------------	-----------------------