

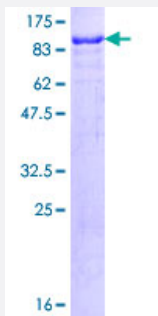
Full-Length

SP100 (Human) Recombinant Protein (P01)

Catalog # H00006672-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SP100 full-length ORF (AAH11562.1, 1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGGGGDLSTRRLNECISPVANEMNHLPAHSHDLQRMFTEDQGVDDRLLYDVFKEHFKRNKVEIS
NAIKKTFPFLEGLRDRDLITNKMFEDESQDSCRNLVPVQRVVYNVLSELEKTFNLPVLEALFSDVNM
QEYPDLIHYKGFENVHDKLPLQESEEEEREERSGLQLSLEQGTGENSFRLTWPPSGSPSHAGT
TPPENGLSEHPCETEQINAKRKDTTSDKDDSLGSQQTNEQCAQKAEPTECEQIAVQVNNGDAG
REMPCLPCDEESPEAELHNHGIQINSCSVRLVDIKKEKPFSSNSKVECCQAQARTHNNQASDIVIS
SEDSEGSTDVDEPLEVFISAPRSEPVINNDNPLESNDEKEGQEATCSRQVPEPMDFRKLSTFR
ESFKKRVIGQDHDSESSEEEAPAEASSGALRSKHGEKAPMTSRSTSTWRIPSRKRRFSSSDFS
DLSNGEELQETCSSSLRRGSGKED

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.2

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 — SP100

Entrez GeneID[6672](#)**GeneBank Accession#**[BC011562.1](#)**Protein Accession#**[AAH11562.1](#)**Gene Name**

SP100

Gene Alias

DKFZp686E07254, FLJ00340, FLJ34579

Gene Description

SP100 nuclear antigen

Omim ID[604585](#)**Gene Ontology**[Hyperlink](#)**Other Designations**

SP100-HMG nuclear autoantigen|nuclear antigen Sp100

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Craniofacial Abnormalities](#)

- [Genetic Predisposition to Disease](#)
- [Mouth Abnormalities](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)