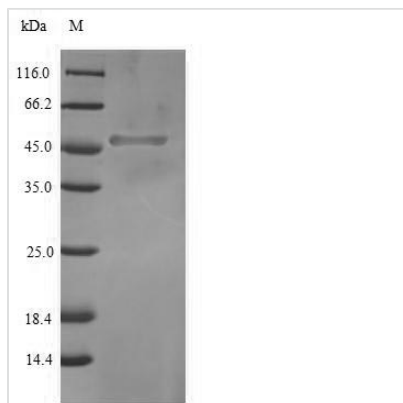




Recombinant Human Transcription factor SOX-2(SOX2)

Product Code	CSB-EP022426HU
Relevance	Transcription factor that forms a trimeric complex with OCT4 on DNA and controls the expression of a number of genes involved in bryonic development such as YES1, FGF4, UTF1 and ZFP206 . Critical for early bryogenesis and for bryonic st cell pluripotency. May function as a switch in neuronal development. Downstream SRRT target that mediates the promotion of neural st cell self-renewal . Keeps neural cells undifferentiated by counteracting the activity of proneural proteins and suppresses neuronal differentiation .
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P48431
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MYNMMETELKPPGPQQTSGGGGGNSTAAAAGGNQKNSPDRVKRPMNAFMV WSRGQRRKMAQENPKMHNSEISKRLGAEWKLLSETEKRPFIDEAKRLRALHM KEHPDYKYRPRRKTKTLMKKDKYTLPGGLLAPGGNSMASGVGVGAGLGAGV NQRMDSYAHMNGWSNGSYSMMQDQLGYPQHPLNAHGAAQMMPMHRYD VSALQYNSMTSSQTYMNGSPTYMSYSQQGTPGMALGSMGSVVKSEASSSP PVVTSSSHSRAPCQAGDLRDMISMYLPGAEVPEPAAPSRLHMSQHYQSGPVP GTAINGTLPLSHM
Research Area	Transcription
Source	E.coli
Gene Names	SOX2
Expression Region	1-317aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	50.3kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.