

## Product datasheet for TP322663

### SP5 (NM\_001003845) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human Sp5 transcription factor (SP5), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC222663 representing NM\_001003845  
**Red**=Cloning site **Green**=Tags(s)

MAAVAVLRNDSLQAFLLQDRTPSASPDLGKHSPLALLAATCSRIGQPGAAAPPDFLQVPYDPALGSPSRLF  
HPWTADMPAHSPGALPPPHPSLGLTPQKTHLQPSFGAAHELPLTPPADPSYPYEFSPVKMLPSSMAALPA  
SCAPAYVPYAAQAALPPGYSNLLPPPPPPPPPTCRQLSPNPAPDDLPPWSIPQAGAGPGASGVPGSGLS  
GACAGAPHAPRFPASAAAAAAAAAALQRGLVLGSPDFAQYQSQIAALLQTKAPLAATARRCRRRCPCNCQ  
AAGGAPEAEPGKKKQHVCHVPGCGKVYGKTSHLKAHLRWHTGERPFVCNWLFCGKSFTRSDELQRHLRTH  
TGEKRFACPECGKRFMRSDHLAKHVKTHQNKKLVAEAGVKREDARDL

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDK**V

**Tag:** C-Myc/DDK  
**Predicted MW:** 41.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_001003845](#)  
**Locus ID:** 389058



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UniProt ID: [Q6BEB4](#)

RefSeq Size: 1941

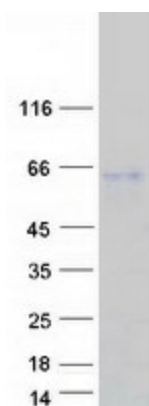
Cytogenetics: 2q31.1

RefSeq ORF: 1194

**Summary:** Binds to GC boxes promoters elements. Probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified SP5 protein (Cat# TP322663). The protein was produced from HEK293T cells transfected with SP5 cDNA clone (Cat# [RC222663]) using MegaTran 2.0 (Cat# [TT210002]).