

Product datasheet for **TP760192**

SOX7 (NM_031439) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human SRY (sex determining region Y)-box 7 (SOX7), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding human full-length SOX7 |
| Tag: | N-His |
| Predicted MW: | 42 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol |
| 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_113627 |
| Locus ID: | 83595 |
| UniProt ID: | Q9BT81 |
| RefSeq Size: | 3278 |
| Cytogenetics: | 8p23.1 |
| RefSeq ORF: | 1164 |



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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 play a role in tumorigenesis. A similar protein in mice is involved in the regulation of the wingless-type MMTV integration site family (Wnt) pathway. [provided by RefSeq, Jul 2008]

Protein Families:

ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transcription Factors

Product images: