# Product datasheet for TP762251

## THBS3 (NM_007112) Human Recombinant Protein

## Product data:

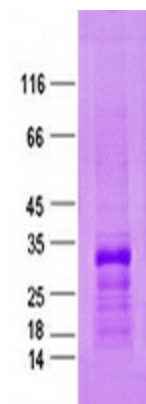| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Human thrombospondin 3 (THBS3), Lys146-His429, with N-terminal His tag, expressed in E.coli, 50ug |
| **Species:** | Human |
| **Expression Host:** | E. coli |
| **Expression cDNA Clone or AA Sequence:** | A DNA sequence encoding the region(Lys146-His429) of THBS3 |
| **Tag:** | N-His |
| **Predicted MW:** | 30.5 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 50 mM Tris-HCl, pH 8.0, 8 M urea |
| **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_009043 |
| **Locus ID:** | 7059 |
| **UniProt ID:** | P49746 |
| **RefSeq Size:** | 3251 |
| **Cytogenetics:** | 1q22 |
| **RefSeq ORF:** | 2868 |
| **Synonyms:** | TSP3 |

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**Summary:** The protein encoded by this gene belongs to the thrombospondin family. Thrombospondin family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentameric molecule linked by a single disulfide bond. This gene shares a common promoter with metaxin 1. Alternate splicing results in coding and non-coding transcript variants. [provided by RefSeq, Nov 2011]

**Protein Families:** Druggable Genome

**Protein Pathways:** ECM-receptor interaction, Focal adhesion, TGF-beta signaling pathway

## Product images:



Purified recombinant protein THBS3 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.