



# Recombinant Human Homeobox protein TGIF2 (TGIF2)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-BP884421HU  |
| <b>Abbreviation</b>      | TGIF2   |
| <b>Storage</b>           | 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.   |
| <b>Uniprot No.</b>       | Q9GZN2  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | SDSDLGEDE GLLSLAGKRK RRGNLPKESV KILRDWLYLH RYNAYPSEQE<br>KLSLSGQTNL SVLQICNWF I NARRLLPDM LRKDGKDPNQ FTISRRGGKA<br>SDVALPRGSS PSVLAVSVPA PTNVLSLSVC SMPLHSGQGE KPAAPFPRGE<br>LESPKPLVTP GSTLTLTRA EAGSPTGGLF NTPPPTPPEQ DKEDFSSFQL<br>LVEVALQRAA EMELQKQQDP SLPLLHTPIP LVSENPQ  |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | TGIF2   |
| <b>Protein Names</b>     | Recommended name: Homeobox protein TGIF2 Alternative name(s): 5'-TG-3'-interacting factor 2 TGF-beta-induced transcription factor 2 Short name= TGFB-induced factor 2   |
| <b>Expression Region</b> | 2-237   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This protein is a DNA-binding homeobox protein and a transcriptional repressor. The encoded protein appears to repress transcription by recruiting histone deacetylases to TGF beta-responsive genes. This gene is amplified and overexpressed in some ovarian cancers, and mutations in this gene can cause holoprosencephaly.   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,   |



storage temperature and the stability of the protein itself.  
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