

# Product datasheet for TP760484

# KLF12 (NM\_007249) Human Recombinant Protein

# **Product data:**

#### **Product Type: Recombinant Proteins Description:** Purified recombinant protein of Human Kruppel-like factor 12 (KLF12), full length, with Nterminal HIS tag, expressed in E.Coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding human full-length KLF12 or AA Sequence: N-His Tag: Predicted MW: 44.1 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. Store at -80°C. Storage: 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 009180 Locus ID: 11278 **UniProt ID:** Q9Y4X4, Q8WWI3 **RefSeq Size:** 10923 Cytogenetics: 13q22.1 **RefSeq ORF:** 1206 Synonyms: AP-2rep; AP2REP; HSPC122



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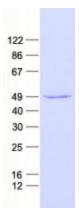
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# Scheme KLF12 (NM\_007249) Human Recombinant Protein – TP760484

Summary: Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

## **Product images:**



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