

Recombinant Human TSC22D1, His-tagged

Cat. No. TSC22D1-30748TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 40-144 of Human TSC22D1 Isoform 2 with an N terminal His tag; Predicted MWt 12 kDa.
Species	Human
Source	E.coli
ProteinLength	40-144 a.a.
Description	This gene encodes a member of the TSC22 domain family of leucine zipper transcription factors. The encoded protein is stimulated by transforming growth factor beta, and regulates the transcription of multiple genes including C-type natriuretic peptide. The encoded protein may play a critical role in tumor suppression through the induction of cancer cell apoptosis, and a single nucleotide polymorphism in the promoter of this gene has been associated with diabetic nephropathy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 139 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	DNSSSGASVVAIDNKIEQAMD LVKSHLMYAVREEVEVLKE QIKELIEKNSQLEQENN LLKTLASPEQLAQFQAQLQTG SPPATTQPQGTTQPPAQPASQGS GPTA
GENE INFORMATION	
Gene Name	TSC22D1 TSC22 domain family, member 1 [Homo sapiens]
Official Symbol	TSC22D1
Synonyms	TSC22D1; TSC22 domain family, member 1; TGFB1I4, transforming growth factor beta 1 induced transcript 4; TSC22 domain family protein 1; MGC17597; TSC22;
Gene ID	8848
mRNA Refseq	NM_001243798
Protein Refseq	NP_001230727
MIM	607715
Uniprot ID	Q15714
Chromosome Location	13q14
Function	sequence-specific DNA binding transcription factor activity;