

Recombinant Human TSC22D3

Cat. No. TSC22D3-29063TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human GilZ / TlZ Isoform 2 with N-terminal proprietary tag. Mol Wt 36.3 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	97 amino acids
Description	The protein encoded by this gene shares significant sequence identity with the murine TSC-22 and Drosophila shs, both of which are leucine zipper proteins, that function as transcriptional regulators. The expression of this gene is stimulated by glucocorticoids and interleukin 10, and it appears to play a key role in the anti-inflammatory and immunosuppressive effects of this steroid and chemokine. Transcript variants encoding different isoforms have been identified for this gene.
Molecular Weight	36.300kDa inclusive of tags
Tissue specificity	Expressed in brain, lung, spleen and skeletal muscle. Lower levels detected in heart and kidney. Not detected in the pancreas. In non-lymphoid tissues, in the absence of inflammation, the major source of constitutive expression is the macrophage lineage.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAQSKLDCRSPVGLDCCNCCLDLAHRSGLQRGSSGENNNPGSPTVSNFRQLQEKL VFENLNTDKLNSIMRQDSLEPVLRDPCYLINEGICNRNIDQT
Sequence Similarities	Belongs to the TSC-22/Dip/Bun family.

GENE INFORMATION

Gene Name	TSC22D3 TSC22 domain family, member 3 [Homo sapiens]
Official Symbol	TSC22D3
Synonyms	TSC22D3; TSC22 domain family, member 3; delta sleep inducing peptide, immunoreactor , DSIPI; TSC22 domain family protein 3; DIP; GILZ; glucocorticoid induced leucine zipper; hDIP; TSC 22R;
Gene ID	1831
mRNA Refseq	NM_001015881
Protein Refseq	NP_001015881
MIM	300506
Uniprot ID	Q99576
Chromosome	Xq22.3

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Location**Function**

MyoD binding; sequence-specific DNA binding transcription factor activity;

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