

Recombinant Human TSEN2 cell lysate

Cat. No. TSEN2-1843HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	This gene encodes one of the subunits of the tRNA splicing endonuclease. This endonuclease catalyzes the first step in RNA splicing which is the removal of introns. Mutations in this gene have been associated with pontocerebellar hypoplasia type 2. A pseudogene has been identified on chromosome 4. Multiple transcript variants encoding different isoforms have been found for this gene
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	TSEN2 tRNA splicing endonuclease 2 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	TSEN2
Synonyms	TSEN2; tRNA splicing endonuclease 2 homolog (<i>S. cerevisiae</i>); tRNA splicing endonuclease 2 homolog (SEN2, <i>S. cerevisiae</i>); tRNA-splicing endonuclease subunit Sen2; MGC2776; SEN2; SEN2L; hsSen2; tRNA-intron endonuclease Sen2; PCH2B; MGC4440;

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Gene ID	80746
mRNA Refseq	NM_001145392
Protein Refseq	NP_001138864
MIM	608753
UniProt ID	Q8NCE0
Chromosome Location	3p25.2
Function	endonuclease activity; hydrolase activity; nucleic acid binding; tRNA-intron endonuclease activity;

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