

Recombinant Mouse Sbds Protein, Myc/DDK-tagged

Cat. No. Sbds-5699M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SBDS ribosome maturation factor (Sbds), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a protein that is necessary for ribosome function and maintaining normal levels of protein synthesis. The encoded protein may function to activate ribosomes for translation, and may be involved in cellular response to stress and DNA damage. Loss of this gene is embryonic lethal while deficiency of the encoded protein in the pancreas is associated with symptoms of Shwachman-Diamond syndrome.
Molecular Mass	28.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Sbds SBDS ribosome maturation factor [Mus musculus (house mouse)]
Official Symbol	Sbds
Synonyms	Sbds; SBDS ribosome maturation factor; SDS; CGI-97; AI836084; 4733401P19Rik; ribosome maturation protein SBDS; SBDS ribosome assembly guanine nucleotide exchange factor; Shwachman-Bodian-Diamond syndrome homolog; protein 22A3; shwachman-Bodian-Diamond syndrome protein homolog
Gene ID	66711
mRNA Refseq	NM_023248
Protein Refseq	NP_075737
UniProt ID	P70122

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