

Recombinant Human SDS protein, His&Myc-tagged

Cat. No. SDS-5644H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SDS protein(P20132)(1-328aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-328aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MMSGELPHVKTPIRDSMALSKMAGTSVYLKMDSAQPSGSFKIRGIGHFCKRWAKQ
 GCAHFVCSSAGNAGMAAAYAARQLGVPATIVPSTTPALTIERLKNEGATVKVVGEL
 LDEAFELAKALAKNNPGWVYIPPFDDPLIWEGHASIVKELKETLWEKPGAIALSVGGG
 GLLCGVVQGLQEVEGWGDVPVIAMETFGAHSFHAATTAGKLVSLPKITSVAKALGVKT
 VGAQALKLFQEHPIFSEVISDQEAVAAIEKFVDDEKILVEPACGAALAAVYSHVIQKLQ
 LEGNLRTPPLPSLVVIVCGGSNISLAQLRALKEQLGMTNRLPK

GENE INFORMATION

Gene Name SDS serine dehydratase [Homo sapiens]

Official Symbol SDS

Synonyms SDS; serine dehydratase; L-serine dehydratase/L-threonine deaminase; SDH; TDH; L-serine deaminase; L-serine dehydratase; L-serine ammonia-lyase; L-threonine dehydratase;

Gene ID 10993

mRNA Refseq NM_006843

Protein Refseq NP_006834

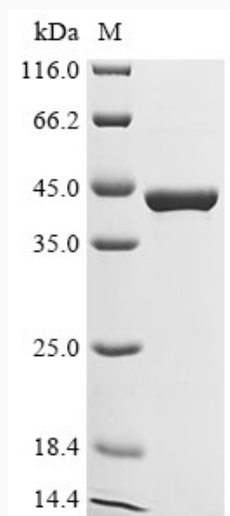
MIM 182128

UniProt ID P20132

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SDS-PAGE

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