

Recombinant Human SRR Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SRR-5706H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SRR MS Standard C13 and N15-labeled recombinant protein (NP_068766) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine.
Molecular Mass	36.6 kDa
AA Sequence	MCAQYCISFADVEKAHINIRDSIHLTPVLTSSILNQLTGRNLFFKCELFQKTGSFKIRG ALNAVRSLVPDALERKPKAVVTHSSGNHGQALTYAAKLEGIPAYIVVPQTAPDCKKL AIQAYGASIVYCEPSDESRENVAKRVTEETEGIMVHPNQEPAVIAGQGTTIALEVLNQV PLVDALVVPVGGGGMLAGIAITVKALKPSVKVYAAEPSNADDCYQSKLKGKLMPNLY PPETIADGVKSSIGLNTWPIIRDLDVDDIFTVTEDEIKCATQLVWERMKLLIEPTAGVGV AAVLSQHFQTVSPEVKNICIVLSGGNVDLTSSITWVKQAERPASYQSVSVTRTRPLE QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SRR serine racemase [Homo sapiens (human)]

Official Symbol SRR

Synonyms SRR; serine racemase; ILV1; ISO1; D-serine dehydratase; L-serine dehydratase; D-serine ammonia-lyase; L-serine ammonia-lyase;

Gene ID 63826

mRNA Refseq NM_021947

Protein Refseq NP_068766

MIM 606477

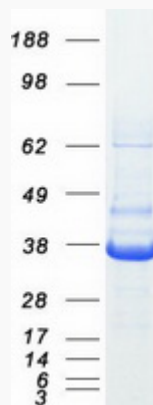
UniProt ID Q9GZT4

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SDS-PAGE



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