

The enzymes of sulfatase family (EC 3.1.6) are ubiquitously present across all domains of life and are involved in catalyzing hydrolysis of sulfate ester bonds for a vast array of substrates [1,2]. The substrates for these enzymes range from small cytosolic steroids, like estrogen sulfate, to complex cell surface carbohydrates, such as the glycosaminoglycans. 17 sulfatases have been identified in humans, with 14 of them known to be associated with specific catabolic activities [1,2]. Sulfatases have been linked with various pathophysiological conditions including, lysosomal storage disorders, developmental abnormalities, and bacterial pathogenesis [1,2]. Biological importance of sulfatases is further manifested by several inherited metabolic diseases in humans, including metachromatic leukodystrophy, mucopolysaccharidosis VI, ichthyosis, which are all known to occur due to deficiency of specific single sulfatases [3]. Moreover, the activities of all sulfatases are severely reduced in a rare inherited disorder named multiple sulfatase deficiency (MSD) [3]. Sulfatases from different enterobacteria such as, *Klebsiella*, *Salmonella*, *Escherichia coli* etc. are also known to be involved in various biological processes.

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