

Product datasheet for **TP720270XL**

ARSA (NM_000487) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human arylsulfatase A (ARSA), transcript variant 1
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Arg19-Ala507
Tag:	C-His
Predicted MW:	52.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_000478
Locus ID:	410
UniProt ID:	P15289 , A0A0C4DFZ2 , B4DVI5
Cytogenetics:	22q13.33
Synonyms:	ASA; MLD
Summary:	The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Dec 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Lysosome, Sphingolipid metabolism



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Product images:

