

Recombinant Human Aldehyde Dehydrogenase 16 Family, Member A1, GST-tagged

Cat. No. ALDH16A1-485H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALDH16A1 protein was expressed as gst-tagged fusion protein by E. coli and purified by GSH-sepharose. The purified protein was resolved in 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% TritonX-100, 15% glycerol. MW= 64 kDa.
Species	Human
Source	E.coli
Description	Mutations in the SPG21 (ACP33/masparidin) gene are associated with the mast syndrome, a type of spastic paraplegia. ALDH16A1 encoded by the SPG21 gene has been shown to interact with the ALDH16A1 enzyme.
Antigen peptideregion	242-593aa
Molecular Weight	64 kDa
Full length	False
Storage	The protein is stored in PBS buffer at -20°C. Repeated freeze-thaw cycles should be avoided.

GENE INFORMATION

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Gene Name	ALDH16A1 aldehydedehydrogenase 16 family, member A1 [Homo sapiens]
Official Symbol	ALDH16A1
Synonyms	ALDH16A1;aldehyde dehydrogenase 16 family, member A1; aldehyde dehydrogenase family 16member A1; MGC10204
Gene ID	126133
mRNA Refseq	NM_153329
Protein Refseq	NP_699160
MIM	613358
UniProt ID	Q8IZ83
Chromosome Location	19q13.33
Function	oxidoreductaseactivity; oxidoreductase activity, acting on the aldehyde or oxo group ofdonors, NAD or NADP as acceptor

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