Recombinant Full Length Human ALDH3B2 Protein, GST-tagged

Cat. No. ALDH3B2-1408HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ALDH3B2 full-length ORF (AAH07685, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	385 amino acids
Description	This gene encodes a member of the aldehyde dehydrogenase family, a group of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. The gene of this particular family member is over 10 kb in length. The expression of these transcripts is restricted to the salivary gland among the human tissues examined. Alternate transcriptional splice variants have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	68.09 kDa
AA Sequence	MKDEPRSTNL FMKLDSVFIW KEPFGLVLII APWNYPLNLT LVLLVGALAA GSCVVLKPSE ISQGTEKVLA EVLPQYLDQS CFAVVLGGPQ ETGQLLEHKL DYIFFTGSPR VGKIVMTAAT KHLTPVTLEL GGKNPCYVDD NCDPQTVANR VAWFCYFNAG QTCVAPDYVL CSPEMQERLL PALQSTITRF YGDDPQSSPN LGRIINQKQF QRLRALLGCG RVAIGGQSNE SDRYIAPTVL VDVQETEPVM QEEIFGPILP IVNVQSVDEA IKFINWQEKP LALYAFSNSS QVVNQMLERT

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	SSGSFGGNEG FTYISLLSVP FGGVGHSGMG RYHGKFTFDT FSHHRTCLLA PSGLEKLKEI HYPPYTDWNQ QLLRWGMGSQ SCTLL
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ALDH3B2 aldehyde dehydrogenase 3 family, member B2 [Homo sapiens]
Official Symbol	ALDH3B2
Synonyms	ALDH3B2; aldehyde dehydrogenase 3 family, member B2; ALDH8; aldehyde dehydrogenase family 3 member B2; acetaldehyde dehydrogenase 8; aldehyde dehydrogenase 8
Gene ID	222
mRNA Refseq	NM_000695
Protein Refseq	NP_000686
MIM	601917
UniProt ID	P48448

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