

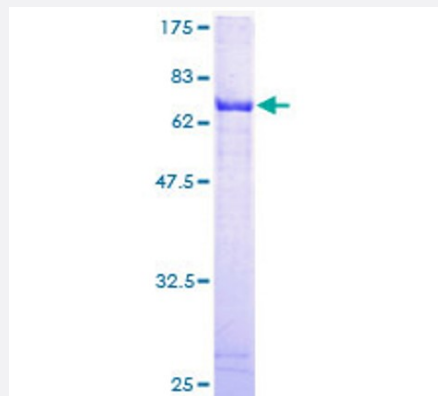
Full-Length

ALDH3B2 (Human) Recombinant Protein (P01)

Catalog # H00000222-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ALDH3B2 full-length ORF (AAH07685, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKDEPRSTNLFMKLDSVFIWKEPFGLVLIAPWNYPLNLTLVLLVGALAAGSCVVLKPSEISQGTEK VLAEVLPQYLDQSCFAVVLGGPQETGQLEHKLDYIFFTGSPRVGKIVMTAATKHLTPVTLELGKK NPCYVDDNCDPQTVANRVAWFCYFNAGQTCVAPDYVLCSPERMQERLLPALQSTITRFYGDGPQ SSPNLGRINQKQFQRLRALLGCGRVAIGGQSNESDRYAPTVLVDVQETEPVMQEEIFGPILPVNV QSVDEAIKFINWQEKPLALYAFSNSSQVVNQMLERTSSGSFGGNEGFTYISLLSVPFGGVGHSGM GRYHGKFTFDTFSHHRTCLLAPSGLEKLKEIHYPPTYDWNQQLLRWGMGSQSCTLL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	68.09
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ALDH3B2

Entrez GeneID [222](#)

GeneBank Accession# [BC007685](#)

Protein Accession# [AAH07685](#)

Gene Name ALDH3B2

Gene Alias ALDH8

Gene Description aldehyde dehydrogenase 3 family, member B2

Omim ID [601917](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations acetaldehyde dehydrogenase 8|aldehyde dehydrogenase 3B2|aldehyde dehydrogenase 8

Pathway

- [Drug metabolism - cytochrome P450](#)

- [Glycolysis / Gluconeogenesis](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Metabolism of xenobiotics by cytochrome P450](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)