PRODUCT INFORMATION

Target	PRODH
Synonyms	HSPOX2; PIG6; POX; PRODH1; PRODH2; TP53I6
Description	Purified recombinant protein of Human proline dehydrogenase (oxidase) 1 (PRODH), nuclear gene encoding mitochondrial protein, transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Delivery	2-3 weeks
Uniprot ID	O43272
Expression Host	E. coli
Tag	N-His
Molecular Characterization	N/A
Molecular Weight	67.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Formulation & Reconstitution	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Storage & Shipping	Store at -80°C.
Background	This gene encodes a mitochondrial protein that catalyzes the first step in proline degradation. Mutations in this gene are associated with hyperprolinemia type 1 and susceptibility to schizophrenia 4 (SCZD4). This gene is located on chromosome 22q11.21, a region which has also been associated with the contiguous gene deletion syndromes, DiGeorge and CATCH22. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2010]
Usage	Research use only
Conjugate	Unconjugated

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