

Aspartate Beta-Hydroxylase Domain Containing 1 Human Recombinant

Item Number	rAP-4176
Synonyms	Aspartate beta-hydroxylase domain containing 1, ASPHD1.
Description	ASPHD1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 318 amino acids (96-390a.a) and having a molecular mass of 33.6kDa. ASPHD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q5U4P2
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSYRLGSQD MQALGAGSRA GGVRGGPVGC SEAGGPSPGG PGDPGEGPRT EGLVSRRLRA YARRYSWAGM GRVRRAAQGG PGPRGPGVL GQRPGLLFL PDLPSAPFVP RDAQRHVEL LESSFPAILR DFGAVSWDFS GTTPPPRGWS PPLAPGCYQL LLYQAGRCQP SNCRRCPGAY RALRGLRSFM SANTFGNAGF SVLLPGARLE GRCGPTNARV RCHLGLKIPP GCELVVGGEPCQWAEHCLL VDDSLHTVA HNGSPEDGPR VVFIVDLWHP NVAGAER- QAL DVFVAPDP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	ASPHD1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**