

Aspartate Beta-Hydroxylase Human Recombinant

Item Number	rAP-1201
Synonyms	AAH, BAH, CASQ2BP1, HAAH, JCTN, Junctin, EC 1.14.11.16, Aspartyl/asparaginyl beta-hydroxylase, Aspartate beta-hydroxylase, Peptide-aspartate beta-dioxygenase, ASP beta-hydroxylase, ASPH.
Description	ASPH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 217 amino acids (75-270 a.a.) and having a molecular mass of 24.5 kDa. The ASPH is fused to a 20 amino acid His Tag and purified by conventional chromatography.
Uniprot Accesion Number	Q12797
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MFDLVDYEEV LGKLGIDAD GDGDFVDVDA KVLLGLKERS TSEPAV- PPEE AEPHTEPEEQ VPVEAEPQNI EDEAKEIQS LLHEMVHAEH ETEHSYHVEE TVSQDCNQDM EEMMSEQENP DSSEPVEEDE RLHHD TDDVT YQVYEEQAVY EPLENEGIEI TEVTAPPEDN PVED- SQVIVE EVSIFPVEEQ QEVPPDT.
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	The ASPH protein solution contains 20mM Tris-HCl pH-8, 1mM DTT 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**