

3-Hydroxyanthranilate 3,4-Dioxygenase Human Recombinant

Item Number	rAP-1451
Synonyms	3-hydroxyanthranilate 3,4-dioxygenase, 3-hydroxyanthranilate oxygenase, 3-HAO, 3-hydroxyanthranilic acid dioxygenase, HAD, HAAO, HAO.
Description	HAAO Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 310 amino acids (1-286 a.a.) and having a molecular mass of 35kDa.HAAO is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P46952
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMERRLG VRAWVKENRG SFQPPVCNKL MHQEQLKVMF IGGPNTRKDY HIEEGEEVFY QLEGDMVLRV LEQGHKRDVV IRQGEIFLLP ARVPHSPQRF ANTVGLV- VER RRLETELDGL RYYVGDMDV LFEKWFYCKD LGTQLAPIIQ EFFSSEQYRT GKPIPDQLLK EPPFPL- STRS IMEPMSLDAW LDSSHRELQA GTPLSLFGDT YETQVIAYGQ GSSEGLRQNV DVWLWQLEGS SVVTMGGRRL SLAPDDSLV LAGTSYAWER TQGSVALSVT QDPAKCKPLG.
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	HAAO protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. 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**