

3-Hydroxyanthranilate 3,4-Dioxygenase Recombinant Protein | HAAO recombinant protein

Recombinant Human 3-Hydroxyanthranilate 3,4-Dioxygenase

CATALOG #
AAA38957HOST
E Coli

PRODUCT SYNONYMS

3-Hydroxyanthranilate 3; 4-Dioxygenase; Recombinant Human 3-Hydroxyanthranilate 3; 3-hydroxyanthranilate 3; 4-dioxygenase; 3-hydroxyanthranilate oxygenase; 3-HAO; 3-hydroxyanthranilic acid dioxygenase; HAD; HAAO; HAO.; HAAO recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	HAAO protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGSHMERRLGVRA VVKENRGSFQ PPVCNKL MHQ EQLKVMFIGG PNTRKDYHIE EGEEVFYQLE GDMVLRVLEQ GKHRDVVIRQ GEIFLLPARV PHSPQRFANT VGLVVERRRL ETELDGLRYY VGD TMDVLFE KWFYCKDLGT QLAPIIQEFF SSEQYRTGKP IPDQLLKEPP FPLSTRSIME PMSLDWLDS HHRELQAGTP LSLFGDTYET QVIAYQGSS EGLRQNV DVW LWQLEGSSVV TMGGRRLSLA PDDSLVL VAG TSYAWERTQG SVALSVTQDP ACKKPLG. u>
Sequence Length	286
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for HAAO recombinant protein	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.
Product Categories/Family for HAAO recombinant protein	Enzymes; Oxygenase

NCBI AND UNIPROT INFORMATION

NCBI GI #	188497625
NCBI GeneID	23498
NCBI Accession #	NP_036337.2
NCBI GenBank Nucleotide #	NM_012205.2
UniProt Accession #	P46952; Q53QZ7; Q8N6N9; A6NE56; B4DIN2
NCBI Official Full Name	3-hydroxyanthranilate 3,4-dioxygenase
NCBI Official Synonym Full Names	3-hydroxyanthranilate 3,4-dioxygenase

NCBI Official Symbol	HAAO
NCBI Official Synonym Symbols	HAO; 3-HAO
NCBI Protein Information	3-hydroxyanthranilate 3,4-dioxygenase; 3-HAO; 3-hydroxyanthranilate oxygenase; 3-hydroxyanthranilic acid dioxygenase; HAAO; HAD
UniProt Protein Name	3-hydroxyanthranilate 3,4-dioxygenase
UniProt Gene Name	HAAO
UniProt Entry Name	3HAO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/haao-recombinant-protein-e-coli/38957>