

Recombinant Full Length Human Aryl Hydrocarbon Receptor Nuclear Translocator(Arnt) Protein, His-Tagged

Cat. No. RFL-1217HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Human Aryl hydrocarbon receptor nuclear translocator(ARNT) Protein (P27540) (2-789aa), fused to N-terminal His tag, was expressed in E. coli.

Species Human

Source E.coli

ProteinLength Full Length of Mature Protein (2-789aa)

Form Lyophilized powder

AA Sequence

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AATTANPEMTSDVPSLGPAIASGNSGPGIQGGGAIVQRAIKRRPGLDFDDDGEGNS
KFLRCDDQMSNDKERFARSDDEQSSADKERLARENHSEIERRRRNKMTAYITELS
DMVPTCSALARKPKDLTILRMAVSHMKSLRGTGNTSTDGSYKPSFLTDQELKHLILE
AADGFLFIVSCETGRVVVYVSDSVTPVLNQPQSEWFGSTLYDQVHPDDVDKLRQLS
TSENALTGRILDKTGTVKKEGQQSSMRMCMGSRRSFICRMRCGSSSVDPVSVNR
LSFVRNRCRNLGSLVKDGEHPHFVVHCTGYIKAWPPAGVSLPDDPEAGQGSKFC
LVAIGRLQVTSSPNCTDMSNVCQPTFISRHNIEGIFTVDHRCVATVGYQPQELLGK
NIVEFCHPEDQQLLRDSFQQVVKLKGQVLSVMFRFRSKNQEWLWMRTSSFTFQNP
YSDEIEYIICTNTNVKNSSQEPRPTLSNTIQRPQLGPTANLPLEMGSGQLAPRQQQQ
QTELDMPGRDGLASYNHSQVVQPVTTTGPEHSPLEKSDGLFAQDRDRPFSEIYH
NINADQSKGISSSTVPATQQLFSQGNTFPPTPRPAENFRNSGLAPPVTIVQPSASAG
```

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QMLAQISRHSNPTQGATPTWPTTRSGFSAQQVATQATAKTRTSQFGVGSFQTPS
 SFSSMSLPGAPTASPGAAAYPSLTNRGSNFAPETGQTAGQFQTRTAEGVGVWPQ
 WQGQQPHHRSSSSEQHVQQPPAQQPGQPEVFQEMLSMLGDQSNNSYNNEEFPDL
 TMFPPFSE Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name ARNT

Synonyms arnT; ARNT protein; ARNT_HUMAN; Aryl hydrocarbon receptor nuclear translocator; bHLHe2; Class E basic helix-loop-helix protein 2; Dioxin receptor; Dioxin receptor nuclear translocator; Drnt; HIF 1 beta; HIF 1beta; HIF-1-beta; HIF1-beta; HIF1B;

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HIF1beta; H

UniProt ID

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