

Product Datasheet

Recombinant Human AHR GST (N-Term) Protein H00000196-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00000196-P01-2ug**Recombinant Human AHR GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	122.5 kDa

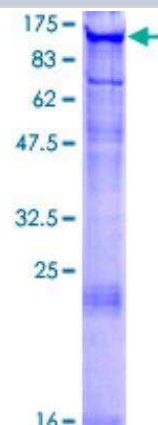
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-848 of Human AHR</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MNSSSANITYASRKRRKPVQKTVKPIPAEGIKSNPSKRHRDRLNTELDRLASLL PFPQDVINKLKDLSVLRLSVSYLRAKSFDFVALKSSPTERNGGQDNCRAANFR EGLNLQEGEFLLQALNGFVLVTTDALVFYASSTIQDYLGQQSDVIHQSVYELI HTEDRAEFQRQLHWALNPSQCTESGQGIEEATGLPQTVVCYNPDQIPPENSPL MERCFICRLRCLLDNSSGFLAMNFQGKLYLHGQKKKGKDGSIPLPPQLALFAIA TPLQPPSILEIRTKNFIFRTKHKLDFTPIGCDAKGRIVLGYTEAELCTRGSQYQFI HAADMLYCAESHIRMIKTGESGMIVFRLLTKNNRWTWVQSNARLLYKNGRPDY IIVTQRPLTDEEGTEHLRKRNTKLPFMFTTGEAVLYEATNPPAIMDPLPLRTKN GTSGKDSATTSTLSKDSLNPSSLLAAMMQQDESIYLYPASSTSSTAPFENNFFN ESMNECRNWQDNTAPMGNDTILKHEQIDQPQDVNSFAGGHPGLFQDSKNSDL YSIMKNLIDFDIRHMQNEKFFRNDVDFRQDIDLTDEILTYVQDSLSKSPFI PSDYQQQQSLALNSSCMVQEHLHLEQQQQHHQKQVVVEPQQQLCQKMKHM QVNGMFENWNSNQFVFNCPQQDPQQYNVFTDLHGISEFQPYKSEMDSMPY TQNFISCNQPVLPQHSKCTELDYPMGSFEPSPYPTTSSLEDFVTCLQLPENQK HGLNPQSAIITPQTCYAGAVSMYQCQPEPQHTVGMQYNPVLPGQQAFLNK FQNGVLNETYPAELNNINNTQTTTHLQPLHHPSEARPPFDLTSSGFL</p>
Gene ID	196
Gene Symbol	AHR
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Protein Array, Immunoaffinity Purification



Recommended DilutionsWestern Blot, ELISA, Immunohistochemistry, Immunocytochemistry/
Immunofluorescence, Protein Array, Immunoaffinity Purification**Images**

SDS-Page: Recombinant Human AHR Protein [H00000196-P01] -
12.5% SDS-PAGE Stained with Coomassie Blue.

**Publications**

Chuang HC, Tsai CY, Hsueh CH et al. GLK-IKK γ signaling induces dimerization and translocation of the AhR-ROR γ t complex in IL-17A induction and autoimmune disease. *Sci Adv* 2018-09-12 [PMID: 30214937]

van den Bogaard EH, Bergboer JG, Vonk-Bergers M et al. Coal tar induces AHR-dependent skin barrier repair in atopic dermatitis. *J Clin Invest*. 2013-01-25 [PMID: 23348739]

Saito R, Miki Y, Hata S et al. Aryl Hydrocarbon Receptor in Breast Cancer-A Newly Defined Prognostic Marker. *Horm Cancer*. 2013-09-28 [PMID: 24078229]



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