

Product Datasheet

Recombinant Human ARNT/HIF-1 beta GST (N-Term) Protein H00000405-P01-10ug

Unit Size: 10 ug

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

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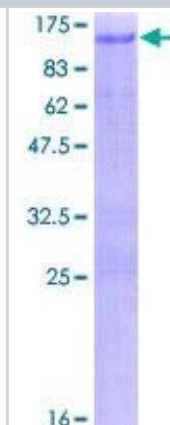
H00000405-P01-10ug**Recombinant Human ARNT/HIF-1 beta GST (N-Term) Protein**

Product Information	
Unit Size	10 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	113 kDa
Product Description	
Description	Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-789 of Human ARNT Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MAATTANPEMTSDVPSLGPASGNSGPGIQGGGAIVQRAIKRRPGLDFDDDG EGNSKFLRCDDDDQMSNDKERFARSDDEQSSADKERLARENHSEIERRRRNKM TAYITELSDMVPTCSALARKPDKLTILMAVSHMKSLRGTGNTSTDGSYKPSFL TDQELKHLILEAADGFLFIVSCETGRVVYVSDSVTPVLNQPSQSEWFGSTLYDQV HPDDVDKLREQLSTSENALTGRILDLKTGTVKKEGQQSSMRMCMGSRRSFICR MRCGSSSDVPVSVNRLSFVRNRCRNLGSGVDGEPHFVVHCTGYIKAWPPA GVSLPDDDDPEAGQGSKFCLVAIGRLQVTSSPNCTDMSNVCQPTFISRHNIEGI FTFVDHRCVATVGYQPQELLGKNIVEFCHPEDQQLLRDSFQQVVKLGQVLSV MFRFRSKNQEWLWMRTSSFTFQNPYSDEIEYIICTNTNVKNSSQEPRTLSTNTI QRPQLGPTANLPLEMGSGQLAPRQQQQQTELDMPGRDGLASYNHSQVVQP VTTTGPEHSKPLEKSDGLFAQDRDPRFSEIYHNINADQSKGISSTVPATQQLF SQGNTFPPTPRPAENFRNSGLAPPVTIVQPSASAGQMLAQISRHSNPTQGATP TWTPTTRSGFSAQQVATQATAKTRTSQFGVGSFQTPSSFSSMSLPGAPTASP GAAAYPSLTNRGSNFAPETGQTAGQFQTRTAEGVGWVWPQWQGQQPHHRSS SSEQHVQQPPAQQPGQPEVFQEMLSMGLDQSNSYNNEEFPDLTMFPPFSE
Gene ID	405
Gene Symbol	ARNT
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, Protein Array, SDS-Page, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



Images

SDS-Page: Recombinant Human ARNT/HIF-1 beta GST (N-Term) Protein [H00000405-P01] - SDS-PAGE analysis of Recombinant Human ARNT/HIF-1 beta GST (N-Term) protein on 12.5% gel and stained with Coomassie Blue.



Publications

Yang N, Li H, Yin T et al. A new method to assay hypoxia-inducible factor-1 based on small molecule binding DNA. Anal Chim Acta. 2014-05-29 [PMID: 25064240]



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Products Related to H00000405-P01-10ug

H00000405-Q01-10ug	Recombinant Human ARNT/HIF-1 beta GST (N-Term) Protein
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NB100-124	ARNT/HIF-1 beta Antibody (H1beta234) - BSA Free
NB100-122	HIF-2 alpha/EPAS1 Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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